

TRS

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PHOENIX • TUCSON
William R. Reilly, P.E.

March 18, 1993

Mr. Al Letzkus
Maricopa County Traffic Engineer
2901 W. Durango Street
Phoenix, Arizona 85009

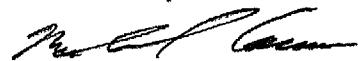
Re: Retirement Community Trip Generation Study

Dear Mr. Letzkus:

JHK & Associates (JHK) is pleased to present the findings of our Retirement Community Trip Generation Study. In this final report we have incorporated the County's comments that arose upon review of the draft report. If you have any questions or concerns, please do not hesitate to call Susan Biegel or me at 954-0383.

Sincerely,

JHK & ASSOCIATES



Michael C. Connors, P.E.
Associate Vice President

MCC:rkt
JHK 20088

Approved:


Al Letzkus
Maricopa County Traffic Engineer

Date

4/7/93

jhk & associates

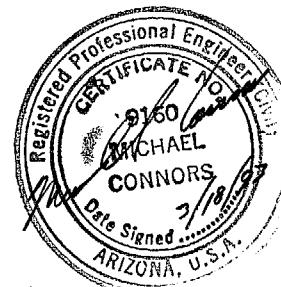
RETIREMENT COMMUNITY TRIP GENERATION STUDY

prepared for

MARICOPA COUNTY DEPARTMENT OF TRANSPORTATION

prepared by

JHK & ASSOCIATES
2702 N. 44th Street
Suite 102A
Phoenix, Arizona 85008



March 18, 1993

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1. INTRODUCTION

JHK & Associates (JHK) was commissioned by the Maricopa County Department of Transportation to conduct a research study of trip generation rates for retirement communities in Arizona. The Institute of Transportation Engineers' *Trip Generation Manual*, 5th Edition, 1991, dedicates Land Use Code 250 to the trip generation rates for retirement communities, based on occupied dwelling units. The manual describes a retirement community as a community "restricted to adults or senior citizens," containing "residential units similar to apartments or condominiums, and are usually self-contained villages. They may also contain special services such as medical facilities, dining facilities, and some limited supporting retail facilities." The data shown are limited in that the rates are a compilation of data from only five studies. Also, the studies were conducted primarily in California and Florida in the late 1960's and late 1980's. Therefore, these rates may not be directly applicable to Arizona retirement communities.

Two sites within Maricopa County were selected for trip generation studies. They include Leisure World and Sun Lakes. Their locations with respect to the Phoenix metropolitan area are shown in Figure 1, and their amenities are shown in Tables 1 and 2. These sites were chosen because they both fit the description of a retirement community, and they have limited access into each site. Leisure World, located in the east valley, is bounded by Broadway Road to the north, Power Road to the east, Southern Avenue to the south, and the R.W.C.D. Canal to the west (see Figure 2). There are 2,660 homes with a total population of approximately 4,473 (based on homeowner association report information). There are three security gates and one electronic card gate which provide access into the community. Tube counters were placed at each of the three security gates to monitor inbound and outbound existing traffic for 48 consecutive hours (February 17, February 18, and February 19, 1993). The electronic card gate was not included because it provides the only access to a limited number of homes. These limited access

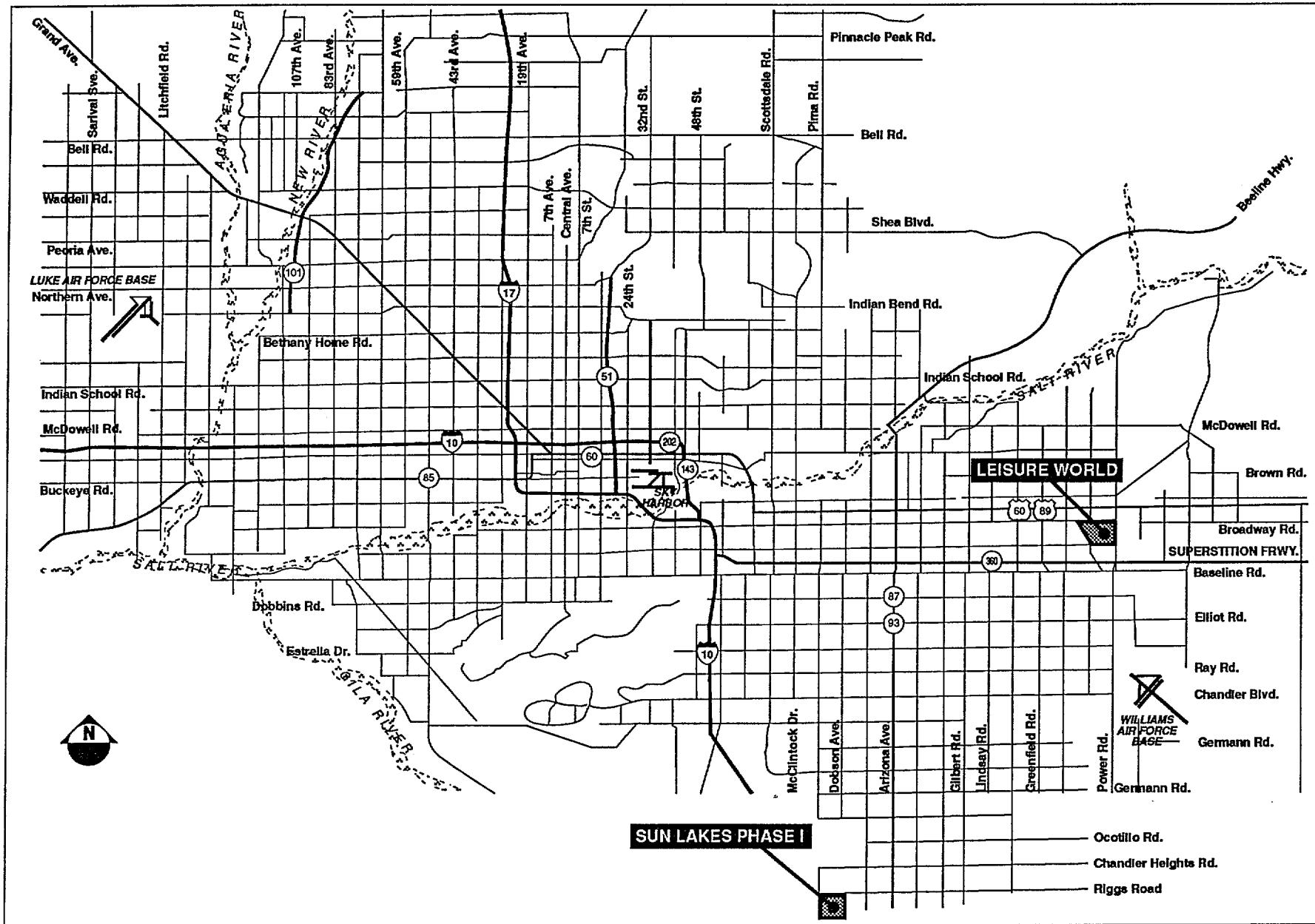


Figure 1
STUDY LOCATIONS

Table 1
LEISURE WORLD ADULT COMMUNITY*

Land Use	Zoning	Area (Acres)*	Percent	Density Units/Acre	D.U.
Single Family, Detached Attached and Multiple	R1-6 RUP	677.53	31.41	3.0	2,038
Exceptions		5.47	0.25		
Recreational (Open Space)		198.35	9.20		
Lakes and Streams		27.20	1.26		
Medium Density	R3, 4	35.51	1.65	20.0	710
High Density	R-5	12.50	0.58	40.0	500
Commercial		32.52	1.51		
TOTAL		989.08	45.87	3.27	3,248

Table 2
SUN LAKES - PHASE I*

Land Use	Area (Acres)*	Percent	Yield	Dwelling Units
Single Family	369.8	58.3	4.0	1,480
Multi Family				
a) Low Density	115.7	18.2	6.0	694
b) Medium Density	24.5	3.5	8.0	194
Shopping Center	10.0	1.5		
Commercial	2.5	0.7		
Recreation				
a) Golf Course	81.0	12.7		
b) Club House	8.0	1.3		
c) Parks and Lakes	23.8	3.7		
TOTAL	635.3	100.0	3.7	2,370

* Data from Master Plans. Dwelling unit totals do not match actual totals.

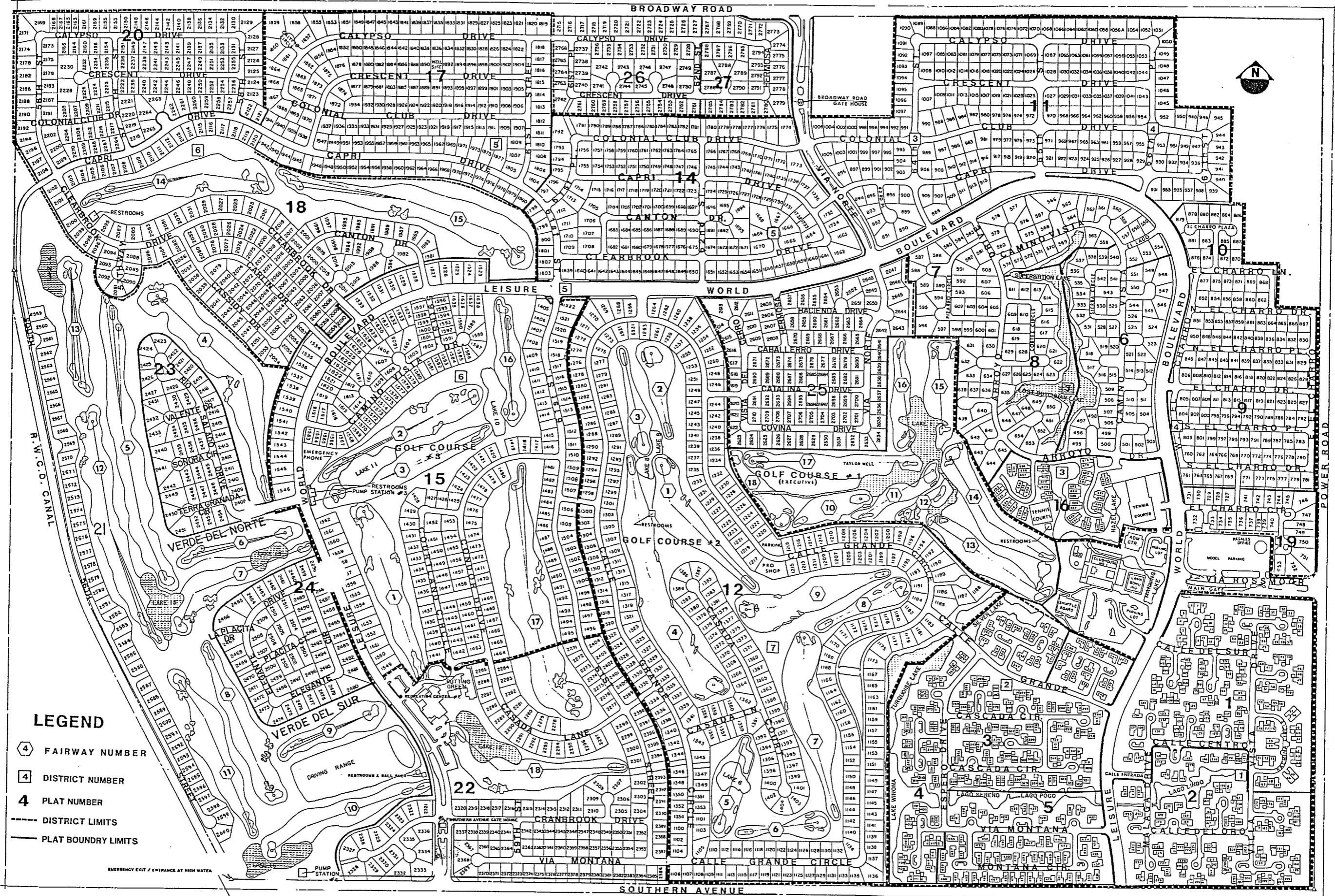


Figure 2
LEISURE WORLD SITE PLAN

homes (42 in all) were subtracted from the total number of homes in the calculation of trip generation rates.

Sun Lakes - Phase I, located in the southeast portion of the valley, is bounded by Riggs Road to the north, Dobson Road to the east, Hunt Highway to the south, and Price Road to the west (see Figure 3). There are 2,022 homes with a Phase I population of approximately 4,000 people (based on a homeowner association rough estimate of approximately two persons per dwelling unit). There are six access points into Phase I (none of which are secured); two along Riggs Road and four along Dobson Road. Tube counters were placed at each of the six access points (in both the inbound and outbound directions) to monitor existing traffic for 48 consecutive hours (February 17, February 18, and February 19, 1993).

Two internal locations, each having a single access to multiple homes (such as a cul de sac), were selected at each site for additional 48 hour tube counts (February 17 - February 19, 1993). This controlled environment allowed the collection of additional trip generation data, no longer limited to generation of internal site traffic to the surrounding external streets, but total trip generation including internal to internal trips.

Traffic counting personnel were positioned at the same single access points (two at Leisure World on November 18, 1992 and two at Sun Lakes on December 16, 1992) for a six hour period from 10:00 a.m. to 4:00 p.m. The traffic counters collected data on the number of trips entering and exiting the controlled area, the type of vehicle or mode of travel, and the occupancy of each vehicle. The modes of travel were broken into the following six categories: car, van, maintenance truck, golf cart, bicycle, and pedestrian.

One set of the manually collected data from Leisure World had to be discarded and another set retaken when it was discovered that the "controlled area" was in fact not controlled. There were three golf cart access points within the area that could not be seen from the main access point. Therefore, another controlled area was selected and data was retaken on December 2, 1992.

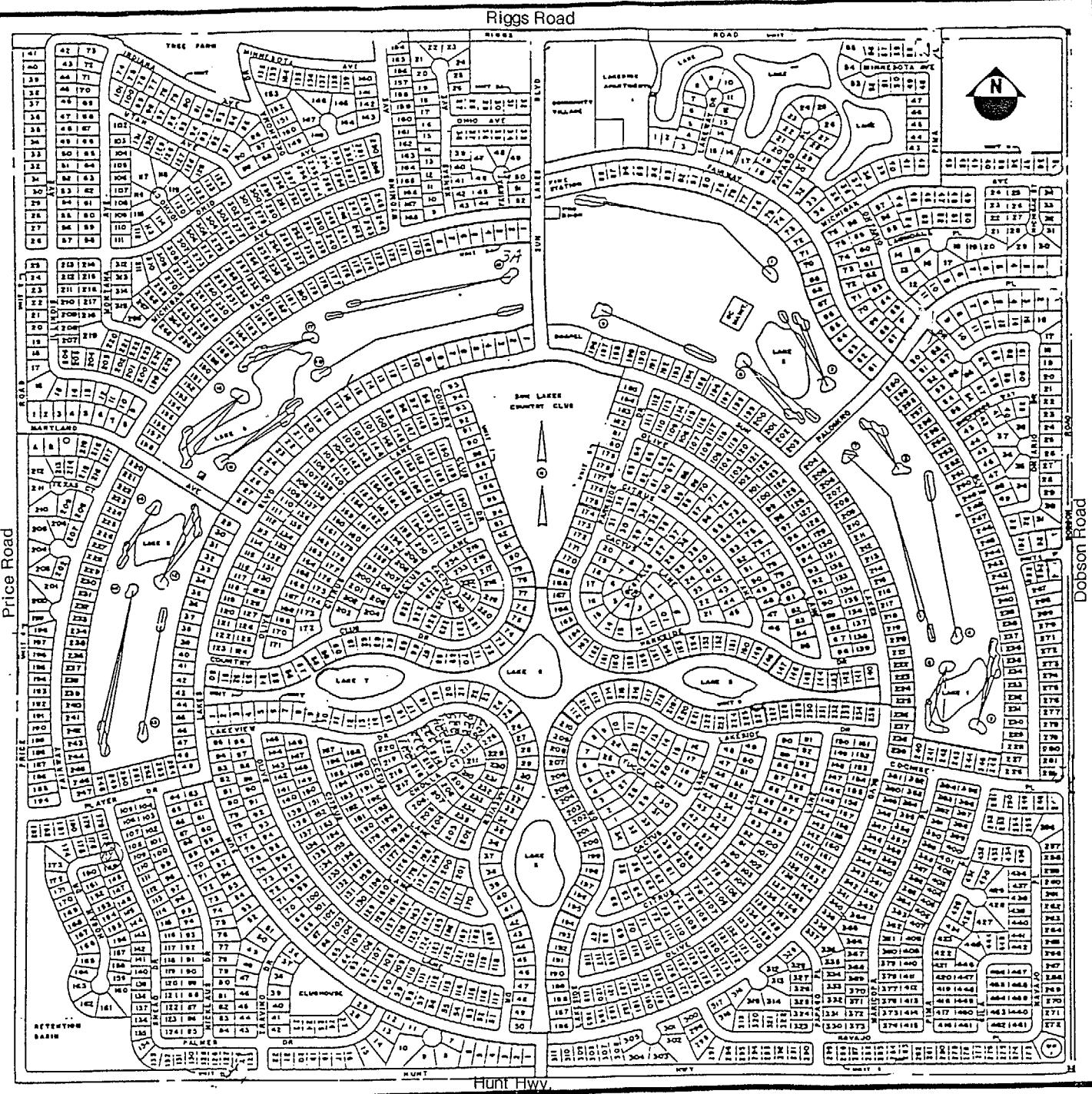


Figure 3
SUN LAKES SITE PLAN

2. RESULTS

Trip generation rates, modal split characteristics and average vehicle occupancies were calculated based on the data that were collected. Three separate trip generation rates were calculated. The first trip generation rate is an overall community rate. The traffic entering and exiting the main site access points over the 48 hour period was first summed, then divided by two (to get an average 24 hour count), and finally divided by the number of dwelling units within the community. The second trip generation rate was calculated from the data collected at the internal locations, which reflects total community trips by dwelling unit (including internal to internal trips). The third trip generation rate, internal to internal trips, was found by calculating the difference between the first two rates. Table 3 shows the resulting trip generation rates for all three conditions.

Table 3
TRIP GENERATION RATES
FROM TUBE COUNTS
(TRIPS/DWELLING UNIT/DAY)

Location	Internal to External External to Internal	Internal to External External to Internal Internal to Internal	Internal to Internal
Leisure World	4.30	9.38	5.08
Sun Lakes	5.15	9.19	4.04

These results show that slightly more than half of the Leisure World trips are within the community itself, whereas slightly more than half of the Sun Lakes trips are external to the community.

The results of the mode split and average vehicle occupancy data analysis are shown in Table 4 and Table 5 respectively.

Table 4
MODE OF TRAVEL
(PERCENT)

Leisure World	Sun Lakes
Car (56%)	Car (83%)
Golf Cart (22%)	Golf Cart (3%)
Van (12%)	Van (1%)
Bicycle (4%)	Bicycle (2%)
Maintenance Truck (3%)	Maintenance Truck (5%)
Pedestrian (3%)	Pedestrian (6%)

These results show that travel by car is the most prevalent mode choice. The remaining modes of travel vary greatly between the two sites. This could be due to the relatively colder temperatures on the days in which data were collected (especially the Sun Lakes data). Daily temperatures on these data collection days are shown in the appendix.

Table 5
AVERAGE VEHICLE OCCUPANCY
(BY VEHICLE TYPE)

Leisure World	Sun Lakes		
Maintenance Truck	1.38	Maintenance Truck	1.71
Car	1.37	Car	1.33
Golf Cart	1.31	Golf Cart	1.00
Van	1.29	Van	1.00

These data show that aside from maintenance trucks, automobiles have the highest average vehicle occupancy. The colder temperature on the Sun Lakes data collection day probably accounts for the low sample size ($n = 4$) for golf carts, and also the low occupancy rate.

The daily trip generation rates obtained in this study can be compared to those used by other Arizona public agencies. Table 6 illustrates the comparable rates.

Table 6
STATEWIDE RETIREMENT COMMUNITY
TRIP GENERATION RATES.

Location	Trips/ Dwelling Unit/Day	Remarks
Leisure World	4.30	
Sun Lakes	5.15	
Green Valley	5.57	Study prepared by Comsis in association with JHK & Associates for ADOT, June 1985.
ITE	--	Gives peak hour rates only (see Table 7).
MAG	--	Uses complex rate dependent upon residential income breakdown.
Mesa	7	No independent rate, estimate only.
Phoenix	--	Uses ITE rates.
Pima County	5.57	Uses Green Valley Study results.
Scottsdale	--	No retirement communities. Would use ITE rates or other supporting documents.
Tucson	5.57	Uses Green Valley Study results.

As Table 6 shows, most jurisdictions use either the trip generation rates from the Green Valley study or the ITE rates. The trip generation rates determined as a part of this study are lower than the Green Valley rates, although the Sun Lakes rate is relatively close. Recalling that more than half of the Leisure World trips remained internal to the site could account for the much lower rate as compared to the Green Valley results. One potential explanation could be that the Leisure World amenities listed in Table 1 well suit the needs of the residents and thus limit external trips to non-community supplied amenities (grocery shopping, mall shopping, etc.).

It should be noted that 48 hour tube counts had also been taken in late November and early December, but the trip generation rates calculated from these data were extremely low. The cold weather and the overcrowding of malls (due to the Christmas shopping) were probable causes of the low rates, and although the rates calculated are likely accurate during that time period it was not felt that these rates were reflecting the retirement communities normal travel characteristics. Therefore, new data was collected in late February and early March which compare more favorably to the Green Valley results. However, the trip generation rates calculated from the November/December data can be found in the appendix.

In order to make direct comparisons with ITE data, the 48 hour tube count data were reduced for each location to determine the site peak hour traffic one hour between 7:00 to 9:00 a.m. and 4:00 to 6:00 p.m., and the morning and afternoon peak hours for the sites themselves. Leisure World inbound and outbound traffic at the gates peaked from 11:00 a.m. to 12:00 noon, and from 3:00 to 4:00 p.m. Sun Lakes inbound and outbound traffic at the access points to Phase I peaked from 11:00 a.m. to 12:00 noon, and from 1:00 to 2:00 p.m.

The peak hour trip generation rates obtained as a part of this study can be compared to those described in the Institute of Transportation Engineers' (ITE) *Trip Generation Manual*, 5th Edition, 1991. Table 7 shows the comparisons.

The study results summarized in Table 7 show that the trip generation rates for both the peak hour of the adjacent street and the peak hour of the generator are higher than the ITE rates. Percent of traffic entering and exiting are fairly consistent, with the exception of a.m. and p.m. peak hour of the generator traffic at Sun Lakes. The directional split appear "reversed" from the ITE and Leisure World splits. Recalling that Sun Lakes traffic peaks from 11:00 a.m. to 12:00 p.m. and from 1:00 to 2:00 p.m. it can be noted that more traffic leaves the site just prior to lunch and just after lunch.

Table 7
PEAK HOUR RATE COMPARISONS

Source	Average Rate* (a.m. Peak Hr. of Adj. Street Traffic)	Percent Entering	Percent Exiting	Average Rate* (p.m. Peak Hr. of Adj. Street Traffic)	Percent Entering	Percent Exiting	Average Rate* (a.m. Peak Hr. of Generator)	Percent Entering	Percent Exiting	Average Rate (p.m. Peak Hr. of Generator)	Percent Entering	Percent Exiting
IIE	0.17	45	55	0.28	56	44	0.29	51	49	0.34	56	44
Leisure World	0.22	40	60	0.36	61	39	0.45	57	43	0.45	56	44
Sun Lakes	0.33	40	60	0.44	54	46	0.45	44	56	0.45	44	56

3. DISCUSSION

This study, conducted at Leisure World and Sun Lakes has been instrumental in determining more specific data on local retirement community travel characteristics. Overall trip generation rates, peak hour trip generation rates (of adjacent street traffic and of the generators), mode split, and average vehicle occupancy rates were determined and discussed in the previous chapter.

In summary, the overall trip generation rates for Leisure World and Sun Lakes were lower than the average rate calculated in an earlier study done in Green Valley, Arizona. The Leisure World results were much lower (4.30 vs. 5.57), but the Leisure World total rate (9.38) shows that more than half of the trips are internal. The Sun Lakes rate, although lower, is fairly comparable (5.15 vs. 5.57).

During the peak hours of the adjacent street traffic and of the generator, both the Leisure World rates and the Sun Lakes rates are higher than the ITE rates. The directional splits (entering and exiting) compare favorably (for the most part) to the ITE rates. The ITE rates are a compilation of data from Florida and California and may not reflect conditions and characteristics of Arizona retirement communities.

Recalling that modal split data was taken on relatively cold days, it can be anticipated that on consistently warmer days the mode of travel results may be weighted differently. It is reasonable to expect a higher percentage of golf carts, bicycles, and pedestrians when the weather is warmer (as in the Spring), but not hot (as in the Summer). This could result in a lower percentage of car/van trips for internal to internal trips due to selection of another mode choice. Maintenance truck trips are probably fairly consistent throughout the year.

The average vehicle occupancy is expected to be consistent throughout the year for maintenance trucks and cars. The average maintenance truck occupancy varies in this study from 1.38 to 1.71 because there were small sample sizes at both Leisure World and Sun Lakes. The average car occupancy was fairly consistent between the two sites observed in this study. Leisure

World resulted in a rate of 1.31 persons/vehicle and Sun Lakes resulted in a rate of 1.33 persons/vehicle. These rates compare favorably to those determined in the Green Valley Study--1.38 persons/vehicle. The average van occupancy probably more closely resembles the Leisure World results (1.29) as opposed to the Sun Lakes results (1.00) because it should be similar (if not higher) than that of a car. Also, the Sun Lakes study had only a small sample size ($n = 1$), whereas the Leisure World sample size was 58.

These results for overall trip generation rates, peak hour trip generation rates, mode splits, and average vehicle occupancy rates can be readily applied to future Arizona retirement community sites. If the opportunity presents itself, it would be beneficial to collect similar data from other Arizona retirement communities, such as Sun City West or other newer communities.

APPENDIX

The daily temperatures during the initial data collection effort for Leisure World and Sun Lakes were as follows:

Date	Location	High* (°F)	Low* (°F)	Remarks
November 17, 1992	Leisure World	80	53	Partly Cloudy
November 18, 1992	Leisure World	76	51	Partly Cloudy
December 2, 1992	Leisure World	65	43	Overcast, Windy
December 16, 1992	Sun Lakes	56	37	Overcast, Windy
December 17, 1992	Sun Lakes	55	38	Overcast, Windy

*Source: National Weather Service Archives, Arizona State University, Tempe, Arizona.

The trip generation results from the data collected on the above mentioned dates were as follows:

Location	Internal to External External to Internal
Leisure World	3.85
Sun Lakes	4.08
Green Valley	5.57

Green Valley results shown for comparison only.

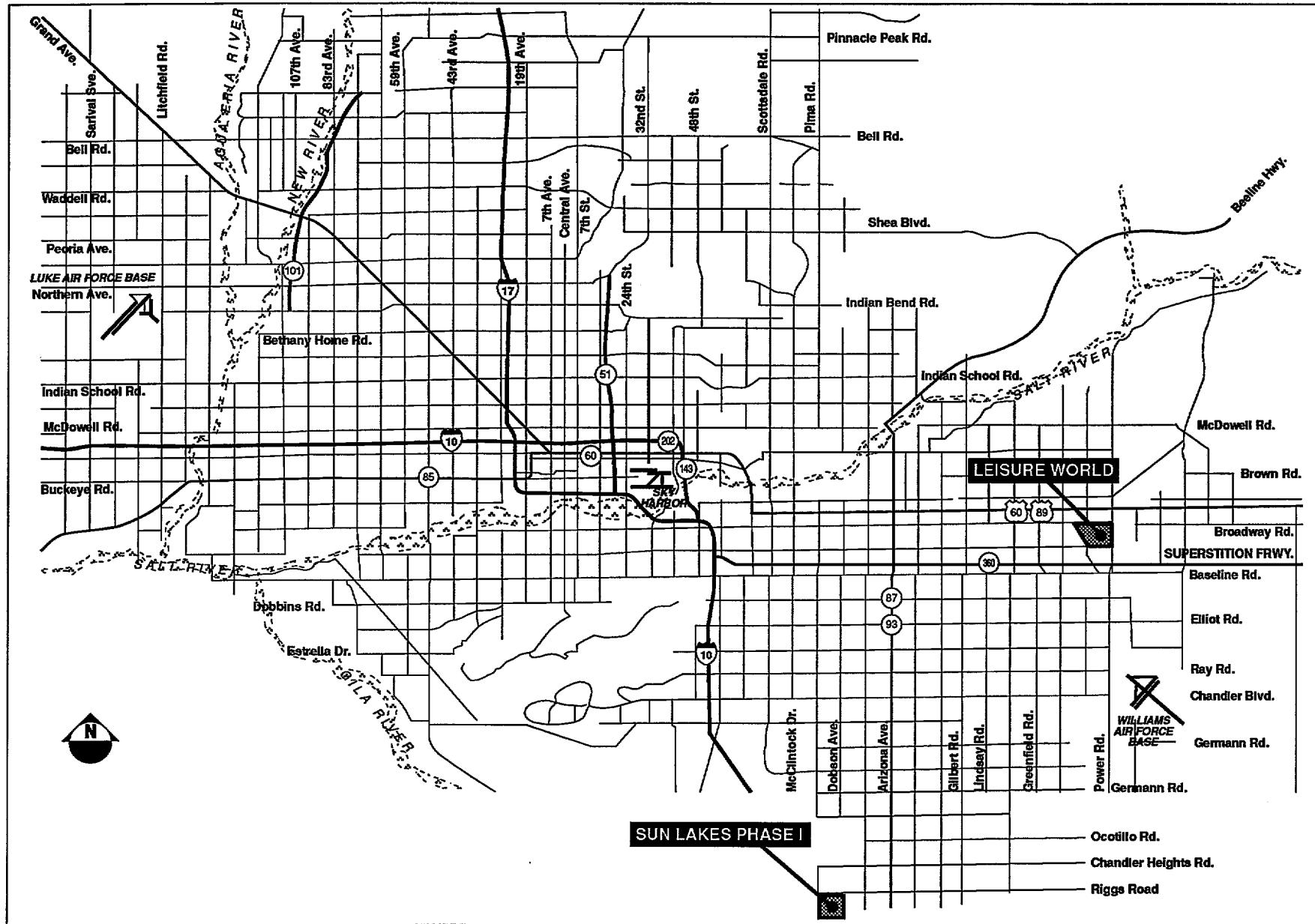


Figure 1
STUDY LOCATIONS

Riggs Road

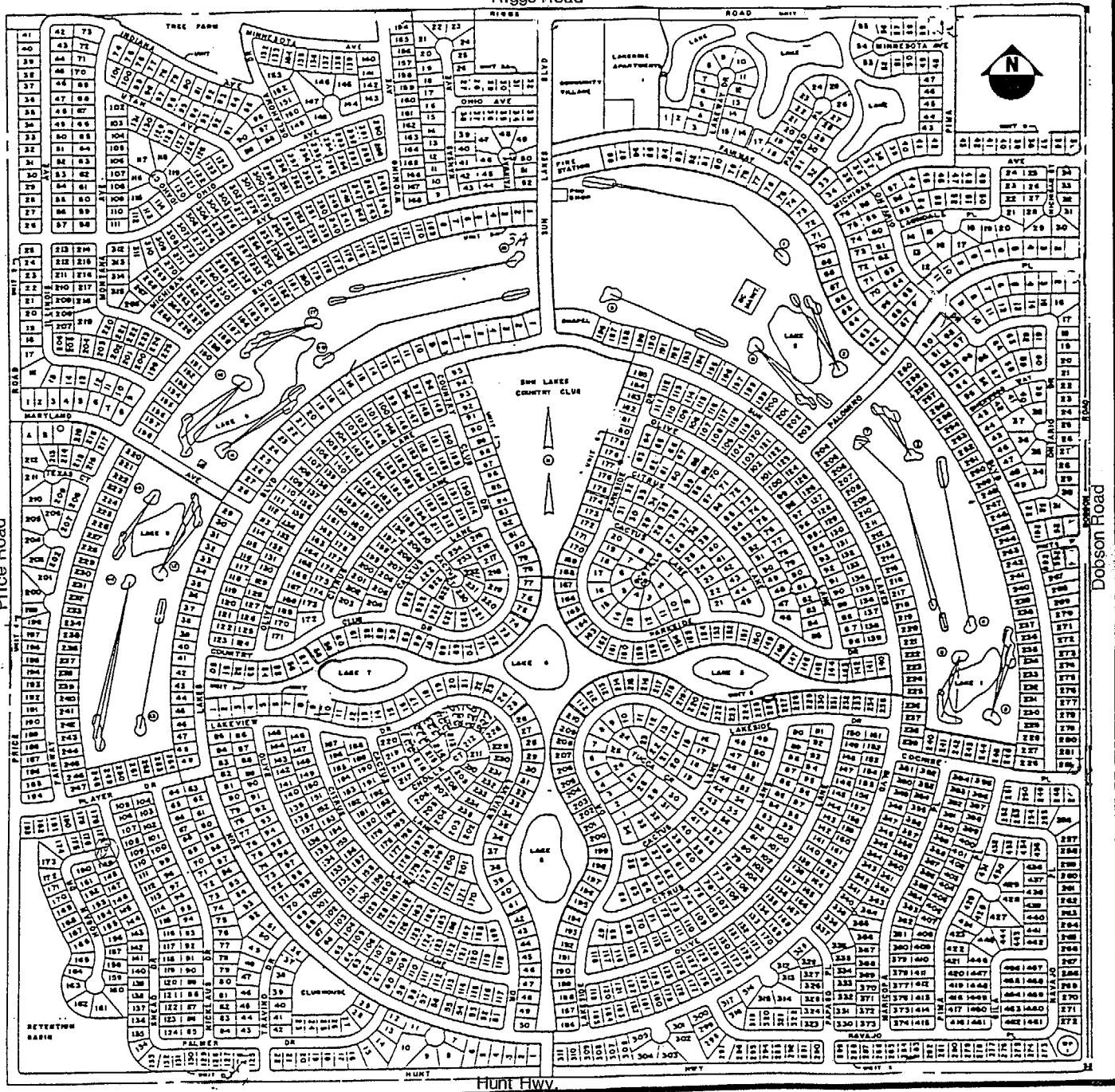
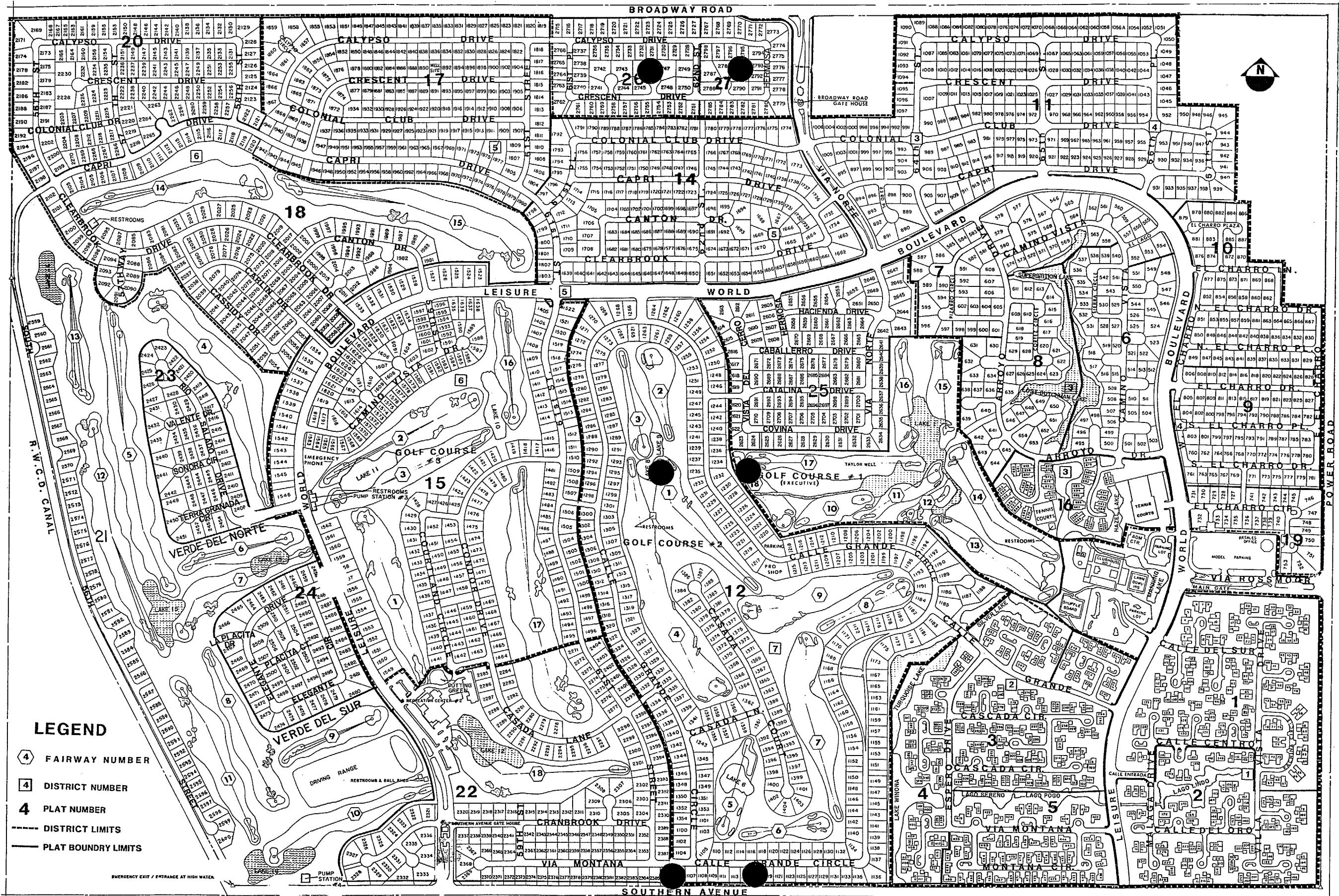


Figure 3
SUN LAKES SITE PLAN



TRIP GENERATION TABLE

DATE 11/18/1992SITE LEISURE WORLD BLVD & ELEGANTE DRNAME SULEIMAN

TIME	CAR		VAN		BIKE		GOLF		PED.		TRUCK		TOTAL		TOTAL
	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	
10:15 -10:30	4	2	1	2	0	0	0	1	2	0	0	0	7	5	12
10:30 -10:45	4	6	1	1	1	0	0	0	0	0	0	0	6	7	13
10:45 -11:00	5	2	1	1	0	0	1	0	0	0	0	0	7	3	10
11:00 -11:15	6	5	2	0	1	1	3	0	0	0	0	0	12	6	18
11:15 -11:30	2	1	2	1	0	0	1	3	0	0	0	0	5	5	10
11:30 -11:45	3	4	3	2	0	0	4	2	0	0	0	0	10	8	18
11:45 -12:00	4	2	0	0	0	0	0	1	0	0	0	0	4	3	7
12:00 -12:15	5	2	1	0	0	0	1	2	0	0	0	0	7	4	11
12:15 -12:30	0	1	1	0	0	0	2	0	0	0	1	1	4	2	6
12:30 -12:45	1	1	2	0	0	0	3	1	0	0	0	0	6	2	8
12:45 - 1:00	3	7	3	1	0	0	5	0	0	0	0	0	11	8	19
1:00 - 1:15	1	4	1	1	1	1	1	2	0	1	0	0	4	9	13
1:15 - 1:30	3	2	0	0	0	0	2	0	1	0	0	0	6	2	8
1:30 - 1:45	4	4	1	0	2	0	3	0	1	0	0	0	11	4	15
1:45 - 2:00	3	0	0	1	0	1	0	2	1	0	2	2	6	6	12
2:00 - 2:15	5	3	1	0	1	0	3	3	1	1	0	0	11	7	18
2:15 - 2:30	4	1	1	0	1	1	2	0	0	1	0	0	8	3	11
2:30 - 2:45	6	1	2	0	0	1	4	0	0	0	0	0	12	2	14
2:45 - 3:00	3	4	1	1	0	0	1	0	1	2	0	0	6	7	13
3:00 - 3:15	3	0	2	0	0	0	3	0	0	0	0	0	8	0	8
3:15 - 3:30	4	1	0	0	0	1	3	2	0	0	0	0	7	4	11
3:30 - 3:45	3	4	1	1	1	1	3	1	1	1	0	0	9	8	17
3:45 - 4:00	3	4	3	1	0	0	2	1	0	0	0	0	8	6	14
4:00 - 4:15	5	2	1	0	0	0	6	0	0	0	0	0	12	2	14
TOTAL	84	63	31	13	8	7	53	21	8	6	3	3	187	113	300

OCCUPANCY TABLE

DATE 11/18/1992 SITE LEISURE WORLD BLVD & ELEGANTE DRNAME SULEIMAN

TIME	CAR				TOTAL INDIV.			VAN			TOTAL INDIV.	GOLF			TOTAL INDIV.	TRUCK		TOTAL INDIV.	TOTAL INDIV.
	1	2	3	4	1	2	3	1	2	3		1	2	3		1	2		
10:15 - 10:30	5	1	0	0	7	3	0	0	3	1	0	0	1	0	0	0	0	0	11
10:30 - 10:45	6	2	0	2	18	1	1	0	3	0	0	0	0	0	0	0	0	0	21
10:45 - 11:00	5	1	1	0	10	1	0	1	4	0	1	0	2	0	0	0	0	0	16
11:00 - 11:15	6	4	1	0	17	2	0	0	2	1	2	0	5	0	0	0	0	0	24
11:15 - 11:30	2	1	0	0	4	1	2	0	5	4	0	0	4	0	0	0	0	0	13
11:30 - 11:45	6	1	0	0	8	4	1	0	6	3	3	0	9	0	0	0	0	0	23
11:45 - 12:00	2	4	0	0	10	0	0	0	0	0	1	0	2	0	0	0	0	0	12
12:00 - 12:15	4	2	0	0	8	1	0	0	1	2	1	0	4	0	0	0	0	0	13
12:15 - 12:30	1	1	0	0	3	0	1	0	2	2	0	0	2	0	0	0	0	0	7
12:30 - 12:45	1	1	0	0	3	2	0	0	2	2	2	0	6	1	1	3	1	3	14
12:45 - 1:00	7	2	1	0	14	2	1	1	7	3	2	0	7	0	0	0	0	0	28
1:00 - 1:15	1	3	0	0	7	2	0	0	2	2	1	0	4	0	0	0	0	0	13
1:15 - 1:30	3	3	0	0	9	0	0	0	0	2	0	0	2	0	0	0	0	0	11
1:30 - 1:45	3	3	2	0	15	1	0	0	1	2	1	0	4	0	0	0	0	0	20
1:45 - 2:00	3	0	0	0	3	1	0	0	1	1	1	0	3	0	0	0	0	0	7
2:00 - 2:15	5	2	1	0	12	1	0	0	1	4	2	0	8	2	2	6	2	6	27
2:15 - 2:30	4	1	0	0	6	1	0	0	1	2	0	0	2	0	0	0	0	0	9
2:30 - 2:45	5	1	0	1	11	1	1	0	3	2	2	0	6	0	0	0	0	0	20
2:45 - 3:00	6	1	0	0	8	0	2	0	4	0	0	1	3	0	0	0	0	0	15
3:00 - 3:15	3	0	0	0	3	2	0	0	2	1	2	0	5	0	0	0	0	0	10
3:15 - 3:30	4	1	0	0	6	0	0	0	0	3	2	0	7	0	0	0	0	0	13
3:30 - 3:45	4	1	1	1	13	2	0	0	2	2	2	0	6	0	0	0	0	0	21
3:45 - 4:00	4	3	0	0	10	2	1	1	7	2	1	0	4	0	0	0	0	0	21
4:00 - 4:15	2	5	0	0	12	1	0	0	1	4	2	0	8	0	0	0	0	0	21
TOTAL	92	44	7	4	217	31	10	3	60	45	28	1	104	3	3	9	390		

TOTAL NUMBER OF PEOPLE = SUM (CAR,VAN,GOLF,TRUCK) + BIKE + PED. = 419

PHF FOR LEISURE WORLD BLVD (THROUGH TRAFFIC)

DATE 11/18/1992SITE LEISURE WORLD BLVDNAME SULEIMAN

TIME	CAR		VAN		BIKE		GOLF		PED.		TRUCK		TOTAL		TOTAL
	NB	SB	NB	SB	NB	SB	NB	3	NB	SB	NB	SB	NB	SB	
10:45 -11:00	16	10	2	0	1	3	0	7	0	0	1	4	20	24	44
11:00 -11:15	15	21	1	0	1	0	3	3	0	0	1	1	21	25	46
11:15 -11:30	10	19	0	2	0	0	3	4	0	0	4	2	17	27	44
11:30 -11:45	14	18	5	0	2	0	10	4	0	0	2	3	33	25	58
11:45 -12:00	19	18	0	2	0	0	6	6	0	0	1	0	26	26	52
12:00 -12:15	12	6	1	3	1	0	2	7	0	0	0	1	16	17	33
12:15 -12:30	26	16	0	0	0	0	7	2	0	0	1	0	34	18	52
12:30 -12:45	12	15	1	0	0	0	4	2	2	1	2	2	21	20	41
12:45 - 1:00	9	26	1	2	0	0	6	4	0	0	1	2	17	34	51
1:00 - 1:15	13	14	1	0	0	1	3	0	0	0	1	1	18	16	34
1:15 - 1:30	23	23	1	4	0	1	4	2	0	0	1	0	29	30	59
1:30 - 1:45	11	11	1	3	0	3	5	0	0	0	0	0	17	17	34
1:45 - 2:00	15	8	0	3	0	0	2	2	1	1	0	0	18	14	32
2:00 - 2:15	16	11	4	1	0	0	0	0	0	0	3	0	23	12	35
2:15 - 2:30	14	12	0	1	0	0	3	3	0	0	0	0	17	16	33
2:30 - 2:45	17	9	0	0	0	0	3	1	0	0	0	1	20	11	31
2:45 - 3:00	12	16	3	0	0	0	1	6	0	0	3	2	19	24	43
3:00 - 3:15	24	18	5	4	2	0	1	0	0	0	2	2	34	24	58
3:15 - 3:30	15	8	0	1	0	0	1	3	0	0	2	0	18	12	30
3:30 - 3:45	20	14	4	0	1	2	3	2	0	0	1	1	29	19	48
3:45 - 4:00	20	15	0	0	2	3	3	2	1	0	1	3	27	23	50
4:00 - 4:15	13	12	1	3	0	0	4	0	0	0	3	3	21	18	39
TOTAL	346	320	31	29	10	13	74	60	4	2	30	28	495	452	947

PHF = 200/4*58 = 86%

TRIP GENERATION TABLE

DATE 11/18/1992 SITE LEISURE WORLDNAME ATMAM

TIME	CAR		VAN		BIKE		GOLF		PED.		TRUCK		TOTAL		TOTAL
	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	
10:15 - 10:30		4		0		0		0		1		0		5	5
10:30 - 10:45		4		0		0		0		0		0		4	4
10:45 - 11:00		4		0		0		1		0		0		5	5
11:00 - 11:15		9		0		0		0		0		0		9	9
11:15 - 11:30		5		0		0		2		2		0		9	9
11:30 - 11:45		1		0		0		0		0		0		1	1
11:45 - 12:00		3		1		1		0		0		0		5	5
12:00 - 12:15		9		0		0		0		0		0		9	9
12:15 - 12:30		2		0		0		1		0		0		3	3
12:30 - 12:45		4		0		0		0		0		0		4	4
12:45 - 1:00		11		1		0		1		0		1		14	14
1:00 - 1:15		3		1		2		1		0		0		7	7
1:15 - 1:30		5		0		0		0		0		0		5	5
1:30 - 1:45		5		0		0		0		0		0		5	5
1:45 - 2:00		0		1		0		1		0		0		2	2
2:00 - 2:15		3		0		0		0		0		0		3	3
2:15 - 2:30		5		0		0		0		0		0		5	5
2:30 - 2:45		2		0		0		0		0		0		2	2
2:45 - 3:00		3		1		0		0		0		0		4	4
3:00 - 3:15		4		0		1		0		0		0		5	5
3:15 - 3:30		3		0		0		0		0		0		3	3
3:30 - 3:45		6		0		0		0		0		0		6	6
3:45 - 4:00		2		0		0		0		1		0		3	3
4:00 - 4:15		4		0		0		0		0		0		4	4
TOTAL	0	101	0	5	0	4	0	7	0	4	0	1	0	122	122

NOTE: MAINTENANCE VEHICLES ARE NOT INCLUDED.

OCCUPANCY TABLE

DATE 11/18/1992 SITE LEISURE WORLDNAME ATMAM

TIME	CAR				TOTAL INDIV.	VAN			TOTAL INDIV.	GOLF			TOTAL INDIV.	TRUCK		TOTAL INDIV.	TOTAL
	1	2	3	4		1	2	3		1	2	3		1	2		
10:15 - 10:30	3	1			5				0				0			0	5
10:30 - 10:45	3	1			5				0				0			0	5
10:45 - 11:00	3	1			5				0		1		2			0	7
11:00 - 11:15	6	2	1		13				0				0			0	13
11:15 - 11:30	5	0			5				0	2			2			0	7
11:30 - 11:45	1	0			1				0				0			0	1
11:45 - 12:00	2	1			4		1		2				0			0	6
12:00 - 12:15	8	1			10				0				0			0	10
12:15 - 12:30	2	0			2				0	1			1			0	3
12:30 - 12:45	3	1			5				0	0			0			0	5
12:45 - 1:00	11	0			11	1			1	1			1			0	13
1:00 - 1:15	1	1	1		6		1		2	1			1			0	9
1:15 - 1:30	4	1			6				0	0			0			0	6
1:30 - 1:45	4	1			6				0	0			0			0	6
1:45 - 2:00	0	0			0		1		2	1			1			0	3
2:00 - 2:15	2	1			4				0				0			0	4
2:15 - 2:30	5	0			5				0				0			0	5
2:30 - 2:45	2	0			2				0				0			0	2
2:45 - 3:00	3	0			3		1		2				0			0	5
3:00 - 3:15	2	2			6				0				0			0	6
3:15 - 3:30	2	1			4				0				0			0	4
3:30 - 3:45	4	2			8				0				0			0	8
3:45 - 4:00	2	0			2				0				0			0	2
4:00 - 4:15	4	0			4				0				0			0	4
TOTAL	82	17	2	0	122	1	4	0	9	6	1	0	8	0	0	0	139

TOTAL NUMBER OF PEOPLE = SUM (CAR,VAN,GOLF,TRUCK) + BIKE + PED. = 148

TRIP GENERATOR TABLE

DATE 12/1/1992

SITE LEISURE WORLD BLVD & RIO SALADO DR

NAME ATMAW/SULEIMAN

TIME	CAR		VAN		BIKE		GOLF		PED.		TRUCK		TOTAL		TOTAL
	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	
10:00 - 10:15	3	2	0	0	0	0	0	2					3	4	7
10:15 - 10:30	2	2	0	0	0	0	2	1					4	3	7
10:30 - 10:45	4	5	0	0	0	0	1	0			1		6	5	11
10:45 - 11:00	1	3	0	0	0	0	0	0			1		1	4	5
11:00 - 11:15	4	4	0	0	1	1	1	0					6	5	11
11:15 - 11:30	4	2	0	0	0	0	0	0					4	2	6
11:30 - 11:45	1	2	0	0	0	0	0	1					1	3	4
11:45 - 12:00	3	4	1	0	0	0	0	1					4	5	9
12:00 - 12:15	5	4	1	1	0	0	0	2			1		6	8	14
12:15 - 12:30	3	1	0	0	0	0	0	1			1		4	2	6
12:30 - 12:45	0	4	0	0	0	0	0	0					0	4	4
12:45 - 1:00	3	2	1	0	0	0	1	0			1		5	3	8
1:00 - 1:15	1	2	0	0	0	0	1	0					2	2	4
1:15 - 1:30	1	2	1	1	0	0	0	0					2	3	5
1:30 - 1:45	2	1	0	0	0	0	1	1	1				4	2	6
1:45 - 2:00	3	4	0	0	0	0	3	2					6	6	12
2:00 - 2:15	4	2	0	0	0	0	1	1		1			5	4	9
2:15 - 2:30	2	1	1	3	0	0	1	1			1		4	6	10
2:30 - 2:45	2	3	0	0	0	0	0	0			1	1	3	4	7
2:45 - 3:00	3	2	0	0	0	0	2	1					5	3	8
3:00 - 3:15	2	2	1	1	0	0	1	0					4	3	7
3:15 - 3:30	3	4	0	1	1	0	0	0					4	5	9
3:30 - 3:45	2	0	0	0	0	0	0	0					2	0	2
3:45 - 4:00	1	1	1	0	0	0	0	0					2	1	3
TOTAL	59	59	7	7	2	1	15	14	1	1	3	5	87	87	174

OCCUPANCY TABLE

DATE 12/2/1992 SITE LEISURE WORLD BLVD & RIO SALADO DR (IN) NAME ATMAM/SULEIMAN

TIME	CAR				TOTAL INDIV.			VAN			TOTAL INDIV.			GOLF			TOTAL INDIV.			TRUCK			TOTAL INDIV.			
	1	2	3	4	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	
10:00 - 10:15	2	1			4						0						0						0	4		
10:15 - 10:30	1	1			3						0	1	1				3						0	6		
10:30 - 10:45	4	0			4						0	1					1	1					1	6		
10:45 - 11:00	0	1			2						0						0						0	2		
11:00 - 11:15	4	0			4						0	1					1						0	5		
11:15 - 11:30	2	2			6						0						0						0	6		
11:30 - 11:45	1	0			1						0						0						0	1		
11:45 - 12:00	3	0			3	1					1						0						0	4		
12:00 - 12:15	5	0			5	1					1						0						0	6		
12:15 - 12:30	2	1			4						0						0	1					1	5		
12:30 - 12:45	0	0			0						0						0						0	0		
12:45 - 1:00	3	0			3	1					1	1					1						0	5		
1:00 - 1:15	1	0			1						0	1					1						0	2		
1:15 - 1:30	0	1			2	1					1						0						0	3		
1:30 - 1:45	0	2			4						0	1					1						0	5		
1:45 - 2:00	2	1			4						0	2	1				4						0	8		
2:00 - 2:15	3	1			5						0	1					2						0	7		
2:15 - 2:30	2	0			2	1					1	1					1						0	4		
2:30 - 2:45	2	0			2						0						0	1	2	4						
2:45 - 3:00	2	1			4						0	1	1				3						0	7		
3:00 - 3:15	2	0			2	1					1	1					1						0	4		
3:15 - 3:30	2	1			4						0						0						0	4		
3:30 - 3:45	1	1			3						0						0						0	3		
3:45 - 4:00	1	0			1	1					1						0						0	2		
TOTAL	45	14	0	0	73	7	0	0	7	11	4	0	19	2	1	4	103									

TOTAL NUMBER OF PEOPLE (IN) = SUM (CAR,VAN,GOLF,TRUCK) + BIKE + PED. = 106

OCCUPANCY TABLE

DATE 12/2/1992

SITE LEISURE WORLD BLVD & RIO SALADO DR (OUT)

NAME ATMAN/SULEIMAN

TIME	CAR				TOTAL			VAN			TOTAL			GOLF			TOTAL			TRUCK			TOTAL					
	1	2	3	4	INDIV.			INDIV.	1	2	3	INDIV.			INDIV.	1	2	3	INDIV.	1	2	INDIV.	1	2	INDIV.	1	2	
10:00 - 10:15	2					2						0	2				2						0	4				
10:15 - 10:30	2						2					0	1				1						0	3				
10:30 - 10:45	4	1						6				0					0						0	6				
10:45 - 11:00	3					3						0					0	1					1	4				
11:00 - 11:15	3	1					5					0					0						0	5				
11:15 - 11:30	2						2					0					0						0	2				
11:30 - 11:45	2					2						0	1				1						0	3				
11:45 - 12:00	2	2					6					0	1				1						0	7				
12:00 - 12:15	3	1					5	1				1	1	1			3	1					1	10				
12:15 - 12:30	0	1				2						0	1				1						0	3				
12:30 - 12:45	2	2				6						0					0						0	6				
12:45 - 1:00	1	1				3						0					0	1					1	4				
1:00 - 1:15	2					2						0					0						0	2				
1:15 - 1:30	2						2	1				1					0						0	3				
1:30 - 1:45	1					1						0	1				1						0	2				
1:45 - 2:00	2	2				6						0	2				2						0	8				
2:00 - 2:15	1	1				3						0	1				1						0	4				
2:15 - 2:30	1	0					1	1	2			5	1				1	1					1	8				
2:30 - 2:45	1	2				5						0		0			0						1	2	7			
2:45 - 3:00	1	1				3						0		1			2						0	5				
3:00 - 3:15	1	1				3		1				2					0						0	5				
3:15 - 3:30	4	0				4	1					1					0						0	5				
3:30 - 3:45	0	0				0						0					0						0	0				
3:45 - 4:00	1	0				1						0					0						0	1				
TOTAL	43	16	0	0	75	4	3	0	10	12	2	0	16	4	1	6	1	107										

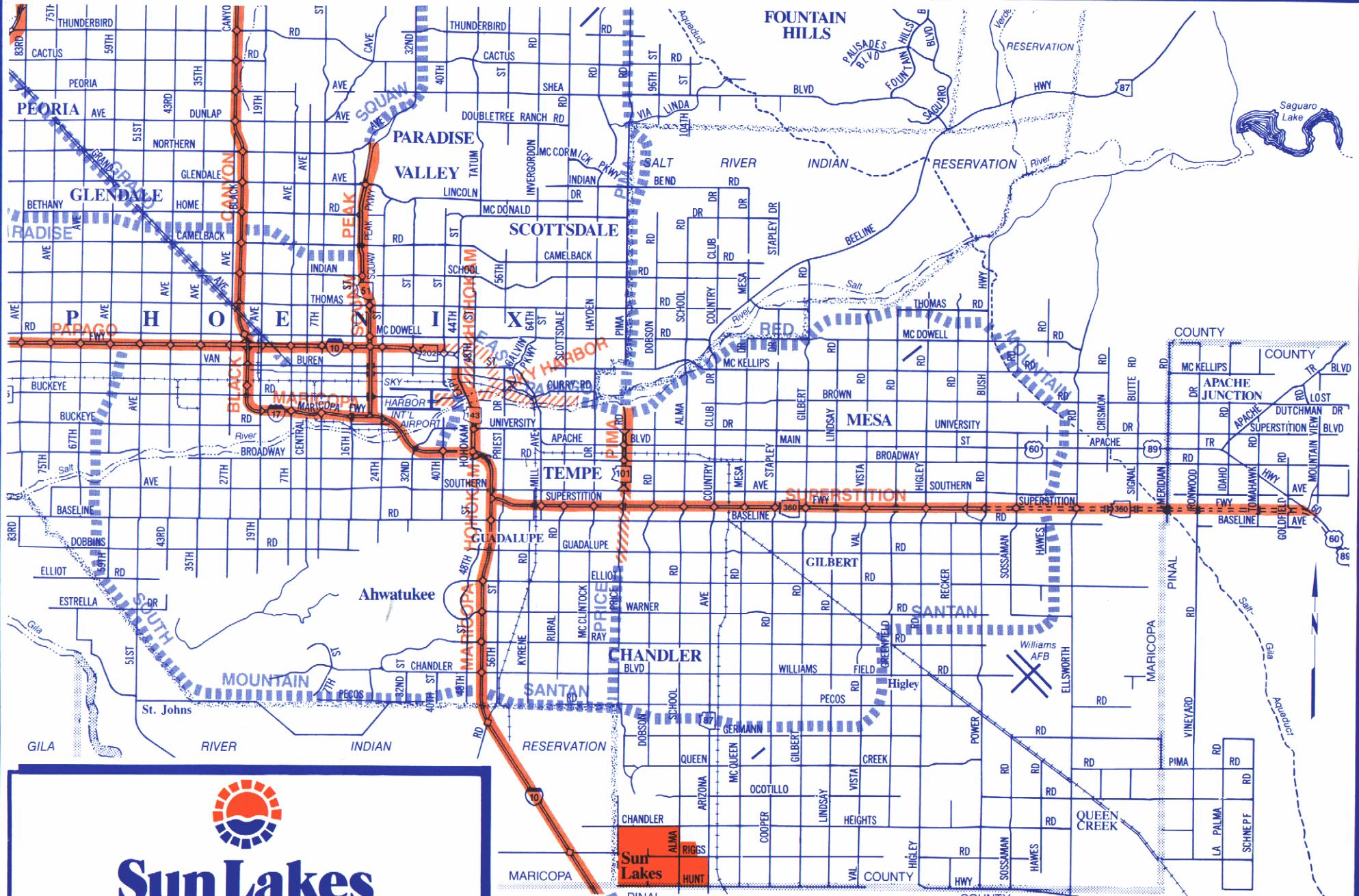
TOTAL NUMBER OF PEOPLE (OUT) = SUM (CAR,VAN,GOLF,TRUCK) + BIKE + PED. = 109

OCCUPANCY TABLE

DATE 12/2/1992 SITE LEISURE WORLD BLVD & RIO SALADO DR (TOTAL) NAME ATMAN/SULEIMAN

TIME	CAR				TOTAL INDIV.			VAN			TOTAL INDIV.			GOLF			TOTAL INDIV.			TRUCK		TOTAL INDIV.		TOTAL INDIV.		
	1	2	3	4	1	2	3	1	2	3	1	2	3	1	2	3	1	2	1	2	1	2	1	2	1	2
10:00 - 10:15	4	1	0	0	6	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	8
10:15 - 10:30	3	1	0	0	5	0	0	0	0	0	2	1	0	4	0	0	0	0	0	0	0	0	0	0	0	9
10:30 - 10:45	8	1	0	0	10	0	0	0	0	0	1	0	0	1	1	0	1	1	0	1	1	0	1	1	0	12
10:45 - 11:00	3	1	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	6
11:00 - 11:15	7	1	0	0	9	0	0	0	0	0	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	10
11:15 - 11:30	4	2	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
11:30 - 11:45	3	0	0	0	3	0	0	0	0	0	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	4
11:45 - 12:00	5	2	0	0	9	1	0	0	1	1	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	11
12:00 - 12:15	8	1	0	0	10	2	0	0	2	1	1	0	0	3	1	0	1	1	0	1	1	0	1	1	0	16
12:15 - 12:30	2	2	0	0	6	0	0	0	0	1	0	0	0	1	1	0	1	1	0	0	1	1	0	1	1	8
12:30 - 12:45	2	2	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
12:45 - 1:00	4	1	0	0	6	1	0	0	1	1	0	0	0	1	1	0	1	1	0	1	1	0	1	1	0	9
1:00 - 1:15	3	0	0	0	3	0	0	0	0	1	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	4
1:15 - 1:30	2	1	0	0	4	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
1:30 - 1:45	1	2	0	0	5	0	0	0	0	2	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	7
1:45 - 2:00	4	3	0	0	10	0	0	0	0	4	1	0	0	6	0	0	0	0	0	0	0	0	0	0	0	16
2:00 - 2:15	4	2	0	0	8	0	0	0	0	1	1	0	0	3	0	0	0	0	0	0	0	0	0	0	0	11
2:15 - 2:30	3	0	0	0	3	2	2	0	6	2	0	0	0	2	1	0	1	0	1	0	1	0	1	0	1	12
2:30 - 2:45	3	2	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	4	11	
2:45 - 3:00	3	2	0	0	7	0	0	0	0	1	2	0	0	5	0	0	0	0	0	0	0	0	0	0	0	12
3:00 - 3:15	3	1	0	0	5	1	1	0	3	1	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	9
3:15 - 3:30	6	1	0	0	8	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
3:30 - 3:45	1	1	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
3:45 - 4:00	2	0	0	0	2	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
TOTAL	88	30	0	0	148	11	3	0	17	23	6	0	35	6	2	10	210									

TOTAL NUMBER OF PEOPLE (IN & OUT) = SUM (CAR,VAN,GOLF,TRUCK) + BIKE + PED. = 215



Sun Lakes

25025 South E.J. Robson Boulevard / Sun Lakes, Arizona 85248
 COTTONWOOD • PALO VERDE • OAKWOOD
 GOLF & COUNTRY CLUBS
 (602) 895-9600

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0 1 2 3 4 5
SCALE IN MILES

Freeway/Expressway System

- Completed (Solid Orange Line)
- Under or Nearing Construction (Diagonal Hatching)
- Planned (Dashed Blue Line)

Report of Volume by Lane

Page: 1
Date: 11/19/1992

Location: ROSSMOOR, W OF POWER RD Start Day : 11/16/92 End Day : 11/19/92
Weather : CLEAR Start Time: 16:47:00 End Time: 00:45:00
Study ID: 357 Interval : 15 min Intervals: 224
Serial #: 111 Operator: TRA Type: Volume.none.none

Interval Time EAST

Tue 11/17/1992

12:00am	0
12:15am	2
12:30am	2
12:45am	2
Hour total	6*

1:00am	2
1:15am	1
1:30am	1
1:45am	1
Hour total	5*

2:00am	2
2:15am	1
2:30am	2
2:45am	7
Hour total	12*

3:00am	1
3:15am	0
3:30am	1
3:45am	2
Hour total	4*

4:00am	4
4:15am	2
4:30am	3
4:45am	1
Hour total	10*

5:00am	1
5:15am	6
5:30am	9
5:45am	6
Hour total	22*

6:00am	1
6:15am	8
6:30am	7
6:45am	12
Hour total	28*

7:00am	7
--------	---

Report of Volume by Lane

Page: 2
Date: 11/19/1992

Location: ROSSMOOR, W OF POWER RD Start Day : 11/16/92 End Day : 11/19/92
Weather : CLEAR Start Time: 16:47:00 End Time: 00:45:00
Study ID: 357 Interval : 15 min Intervals: 224
Serial #: 111 Operator: TRA Type: Volume.none.none

Interval Time EAST

Tue 11/17/1992

7:15am	13
7:30am	17
7:45am	22
Hour total	59*

8:00am	25
8:15am	22
8:30am	31
8:45am	23
Hour total	101*

9:00am	35
9:15am	39
9:30am	37
9:45am	45
Hour total	156*

10:00am	38
10:15am	39
10:30am	46
10:45am	45
Hour total	168*

11:00am	24
11:15am	35
11:30am	30
11:45am	40
Hour total	129*

12:00pm	34
12:15pm	35
12:30pm	26
12:45pm	33
Hour total	128*

1:00pm	29
1:15pm	34
1:30pm	28
1:45pm	33
Hour total	124*

2:00pm	24
2:15pm	29

Report of Volume by Lane

Page: 3
Date: 11/19/1992

Location: ROSSMOOR, W OF POWER RD Start Day : 11/16/92 End Day : 11/19/92
Weather : CLEAR Start Time: 16:47:00 End Time: 00:45:00
Study ID: 357 Interval : 15 min Intervals: 224
Serial #: 111 Operator: TRA Type: Volume.none.none

Interval Time EAST

Tue 11/17/1992

2:30pm	25
2:45pm	41
Hour total	119*

3:00pm	19
3:15pm	32
3:30pm	33
3:45pm	25
Hour total	109*

4:00pm	21
4:15pm	16
4:30pm	19
4:45pm	17
Hour total	73*

5:00pm	19
5:15pm	12
5:30pm	19
5:45pm	6
Hour total	56*

6:00pm	10
6:15pm	11
6:30pm	8
6:45pm	11
Hour total	40*

7:00pm	5
7:15pm	6
7:30pm	10
7:45pm	6
Hour total	27*

8:00pm	4
8:15pm	2
8:30pm	7
8:45pm	14
Hour total	27*

9:00pm	16
9:15pm	9
9:30pm	15

Report of Volume by Lane

Page: 4
Date: 11/19/1992

Location: ROSSMOOR, W OF POWER RD Start Day : 11/16/92 End Day : 11/19/92
Weather : CLEAR Start Time: 16:47:00 End Time: 00:45:00
Study ID: 357 Interval : 15 min Intervals: 224
Serial #: 111 Operator: TRA Type: Volume.none.none

Interval Time EAST

Tue 11/17/1992

9:45pm	9
Hour total	49*

10:00pm	5
10:15pm	7
10:30pm	3
10:45pm	3
Hour total	18*

11:00pm	0
11:15pm	0
11:30pm	0
11:45pm	2
Hour total	2*

Day total 1472*
Percent 100.0%

Wed 11/18/1992

12:00am	0
12:15am	2
12:30am	2
12:45am	1
Hour total	5*

1:00am	1
1:15am	0
1:30am	1
1:45am	2
Hour total	4*

2:00am	1
2:15am	1
2:30am	0
2:45am	1
Hour total	3*

3:00am	1
3:15am	3
3:30am	3
3:45am	2
Hour total	9*

Report of Volume by Lane

Page: 5
Date: 11/19/1992

Location: ROSSMOOR, W OF POWER RD Start Day : 11/16/92 End Day : 11/19/92
Weather : CLEAR Start Time: 16:47:00 End Time: 00:45:00
Study ID: 357 Interval : 15 min Intervals: 224
Serial #: 111 Operator: TRA Type: Volume.none.none

Interval Time EAST

Wed 11/18/1992

4:00am	4
4:15am	2
4:30am	1
4:45am	2
Hour total	9*

5:00am	9
5:15am	4
5:30am	8
5:45am	4
Hour total	25*

6:00am	1
6:15am	4
6:30am	6
6:45am	12
Hour total	23*

7:00am	9
7:15am	3
7:30am	25
7:45am	19
Hour total	56*

8:00am	27
8:15am	12
8:30am	25
8:45am	28
Hour total	92*

9:00am	25
9:15am	31
9:30am	32
9:45am	33
Hour total	121*

10:00am	40
10:15am	31
10:30am	35
10:45am	31
Hour total	137*

11:00am	38
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Report of Volume by Lane

Page: 6
Date: 11/19/1992

Location: ROSSMOOR, W OF POWER RD Start Day : 11/16/92 End Day : 11/19/92
Weather : CLEAR Start Time: 16:47:00 End Time: 00:45:00
Study ID: 357 Interval : 15 min Intervals: 224
Serial #: 111 Operator: TRA Type: Volume.none.none

Interval Time EAST

Wed 11/18/1992

11:15am	28
11:30am	27
11:45am	22
Hour total	115*

12:00pm	22
12:15pm	26
12:30pm	24
12:45pm	26
Hour total	98*

1:00pm	29
1:15pm	26
1:30pm	36
1:45pm	28
Hour total	119*

2:00pm	30
2:15pm	17
2:30pm	44
2:45pm	28
Hour total	119*

3:00pm	25
3:15pm	45
3:30pm	20
3:45pm	25
Hour total	115*

4:00pm	25
4:15pm	33
4:30pm	11
4:45pm	28
Hour total	97*

5:00pm	29
5:15pm	16
5:30pm	12
5:45pm	12
Hour total	69*

6:00pm	9
6:15pm	8

Report of Volume by Lane

Page: 7
Date: 11/19/1992

Location: ROSSMOOR, W OF POWER RD Start Day : 11/16/92 End Day : 11/19/92
Weather : CLEAR Start Time: 16:47:00 End Time: 00:45:00
Study ID: 357 Interval : 15 min Intervals: 224
Serial #: 111 Operator: TRA Type: Volume.none.none

Interval Time EAST

Wed 11/18/1992

6:30pm	10
6:45pm	13
Hour total	40*

7:00pm	4
7:15pm	6
7:30pm	4
7:45pm	2
Hour total	16*

8:00pm	5
8:15pm	3
8:30pm	16
8:45pm	16
Hour total	40*

9:00pm	9
9:15pm	11
9:30pm	10
9:45pm	9
Hour total	39*

10:00pm	3
10:15pm	5
10:30pm	6
10:45pm	18
Hour total	32*

11:00pm	16
11:15pm	2
11:30pm	1
11:45pm	1
Hour total	20*

Day total 1403*
Percent 100.0%

Report of Volume by Lane

Page: 8
Date: 11/19/1992

Location: ROSSMOOR, W OF POWER RD Start Day : 11/16/92 End Day : 11/19/92
Weather : CLEAR Start Time: 16:47:00 End Time: 00:45:00
Study ID: 357 Interval : 15 min Intervals: 224
Serial #: 111 Operator: TRA Type: Volume.none.none

Interval Time EAST

Grand
Total 2875*
Percent 100.0%

-----<Peak hour analysis>-----

Start Date	Start Time	Peak Count	Peak Factor
11/17/92 A.M.	Peak starts 09:45	168	0.91
11/17/92 P.M.	Peak starts 11:15	139	0.87
11/18/92 A.M.	Peak starts 09:45	139	0.87
11/18/92 P.M.	Peak starts 14:30	142	0.79

-----<High hour usage times>-----

Time	Date	Hour	Date	Count
Highest hours from 00:00 11/17/92 to 00:00 11/19/92		Highest	10:00	11/17/92 168
		2nd Highest	09:00	11/17/92 156
		3rd Highest	10:00	11/18/92 137

Graph of Volume by Hour

Page: 1
 Date: 11/19/1992

 Location: ROSSMOOR, W OF POWER RD Start Day : 11/16/92 End Day : 11/19/92
 Weather : CLEAR Start Time: 16:47:00 End Time: 00:45:00
 Study ID: 357 Interval : 15 min Intervals: 224
 Serial #: 111 Operator: TRA Type: Volume.none.none

Hour	Count	Percent		45	90	135	180
Mon 11/16/1992							
12:00am	6	0.2%	**				
1:00am	5	0.2%	**				
2:00am	12	0.4%	***				
3:00am	4	0.1%	**				
4:00am	10	0.3%	***				
5:00am	22	0.8%	*****				
6:00am	28	1.0%	*****				
Tue 11/17/1992							
7:00am	59	2.1%	*****				
8:00am	101	3.5%	*****				
9:00am	156	5.4%	*****				
10:00am	168	5.8%	*****				
11:00am	129	4.5%	*****				
12:00pm	128	4.5%	*****				
1:00pm	124	4.3%	*****				
2:00pm	119	4.1%	*****				
3:00pm	109	3.8%	*****				
4:00pm	73	2.5%	*****				
5:00pm	56	1.9%	*****				
6:00pm	40	1.4%	*****				
7:00pm	27	0.9%	*****				
8:00pm	27	0.9%	*****				
9:00pm	49	1.7%	*****				
10:00pm	18	0.6%	*****				
11:00pm	2	0.1%	*				
Wed 11/18/1992							
7:00am	56	1.9%	*****				
8:00am	92	3.2%	*****				
9:00am	121	4.2%	*****				
10:00am	137	4.8%	*****				
11:00am	115	4.0%	*****				
12:00pm	98	3.4%	*****				
1:00pm	119	4.1%	*****				
2:00pm	119	4.1%	*****				
3:00pm	115	4.0%	*****				
4:00pm	97	3.4%	*****				
5:00pm	69	2.4%	*****				
6:00pm	40	1.4%	*****				

-----+-----+-----+-----+
 45 90 135 180

Graph of Volume by Hour

Page: 2
Date: 11/19/1992

Location: ROSSMOOR, W OF POWER RD Start Day : 11/16/92 End Day : 11/19/92
Weather : CLEAR Start Time: 16:47:00 End Time: 00:45:00
Study ID: 357 Interval : 15 min Intervals: 224
Serial #: 111 Operator: TRA Type: Volume.none.none

Hour Count Percent

	45	90	135	180
Wed 11/18/1992	-----+	-----+	-----+	-----+
7:00pm	16 0.6%	*****		
8:00pm	40 1.4%	*****		
9:00pm	39 1.4%	*****		
10:00pm	32 1.1%	*****		
11:00pm	20 0.7%	*****		
Total -	2875 100.0%	-----+	-----+	-----+
	45	90	135	180

Report of Volume by Lane

Page: 1
Date: 11/19/1992

Location: VIA NORTE, S OF BROADWAY Start Day : 11/16/92 End Day : 11/19/92
Weather : CLEAR Start Time: 17:16:00 End Time: 00:45:00
Study ID: 358 Interval : 15 min Intervals: 222
Serial #: 100 Operator: TRA Type: Volume.none.none

Interval Time NORTH

Tue 11/17/1992

12:00am	0
12:15am	0
12:30am	0
12:45am	0
Hour total	0*

1:00am	0
1:15am	0
1:30am	0
1:45am	0
Hour total	0*

2:00am	0
2:15am	0
2:30am	0
2:45am	0
Hour total	0*

3:00am	0
3:15am	0
3:30am	0
3:45am	0
Hour total	0*

4:00am	0
4:15am	0
4:30am	0
4:45am	0
Hour total	0*

5:00am	0
5:15am	0
5:30am	7
5:45am	4
Hour total	11*

6:00am	6
6:15am	13
6:30am	11
6:45am	17
Hour total	47*

7:00am	23
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Report of Volume by Lane

Page: 2
Date: 11/19/1992

Location: VIA NORTE, S OF BROADWAY Start Day : 11/16/92 End Day : 11/19/92
Weather : CLEAR Start Time: 17:16:00 End Time: 00:45:00
Study ID: 358 Interval : 15 min Intervals: 222
Serial #: 100 Operator: TRA Type: Volume.none.none

Interval Time NORTH

Tue 11/17/1992

7:15am	27
7:30am	39
7:45am	37
Hour total	126*

8:00am	41
8:15am	57
8:30am	63
8:45am	73
Hour total	234*

9:00am	75
9:15am	66
9:30am	79
9:45am	69
Hour total	289*

10:00am	67
10:15am	68
10:30am	67
10:45am	58
Hour total	260*

11:00am	41
11:15am	52
11:30am	57
11:45am	50
Hour total	200*

12:00pm	39
12:15pm	60
12:30pm	63
12:45pm	48
Hour total	210*

1:00pm	56
1:15pm	46
1:30pm	64
1:45pm	71
Hour total	237*

2:00pm	49
2:15pm	56

Report of Volume by Lane

Page: 3
Date: 11/19/1992

Location: VIA NORTE, S OF BROADWAY Start Day : 11/16/92 End Day : 11/19/92
Weather : CLEAR Start Time: 17:16:00 End Time: 00:45:00
Study ID: 358 Interval : 15 min Intervals: 222
Serial #: 100 Operator: TRA Type: Volume.none.none

Interval Time NORTH

Tue 11/17/1992

2:30pm	55
2:45pm	55
Hour total	215*

3:00pm	49
3:15pm	44
3:30pm	59
3:45pm	45
Hour total	197*

4:00pm	47
4:15pm	46
4:30pm	35
4:45pm	27
Hour total	155*

5:00pm	30
5:15pm	24
5:30pm	28
5:45pm	20
Hour total	102*

6:00pm	15
6:15pm	14
6:30pm	21
6:45pm	11
Hour total	61*

7:00pm	11
7:15pm	10
7:30pm	6
7:45pm	9
Hour total	36*

8:00pm	6
8:15pm	3
8:30pm	7
8:45pm	0
Hour total	16*

9:00pm	0
9:15pm	0
9:30pm	0

Report of Volume by Lane

Page: 4
Date: 11/19/1992

Location: VIA NORTE, S OF BROADWAY Start Day : 11/16/92 End Day : 11/19/92
Weather : CLEAR Start Time: 17:16:00 End Time: 00:45:00
Study ID: 358 Interval : 15 min Intervals: 222
Serial #: 100 Operator: TRA Type: Volume.none.none

Interval Time NORTH

Tue 11/17/1992

9:45pm	0
Hour total	0*
10:00pm	0
10:15pm	0
10:30pm	0
10:45pm	0
Hour total	0*
11:00pm	0
11:15pm	0
11:30pm	0
11:45pm	0
Hour total	0*

Day total 2396*
Percent 100.0%

Wed 11/18/1992

12:00am	0
12:15am	0
12:30am	0
12:45am	0
Hour total	0*
1:00am	0
1:15am	0
1:30am	0
1:45am	0
Hour total	0*
2:00am	0
2:15am	0
2:30am	0
2:45am	0
Hour total	0*
3:00am	0
3:15am	0
3:30am	0
3:45am	0
Hour total	0*

Report of Volume by Lane

Page: 5
Date: 11/19/1992

Location: VIA NORTE, S OF BROADWAY Start Day : 11/16/92 End Day : 11/19/92
Weather : CLEAR Start Time: 17:16:00 End Time: 00:45:00
Study ID: 358 Interval : 15 min Intervals: 222
Serial #: 100 Operator: TRA Type: Volume.none.none

Interval Time NORTH

Wed 11/18/1992

4:00am	0
4:15am	0
4:30am	0
4:45am	0
Hour total	0*

5:00am	0
5:15am	2
5:30am	3
5:45am	4
Hour total	9*

6:00am	12
6:15am	8
6:30am	15
6:45am	17
Hour total	52*

7:00am	24
7:15am	35
7:30am	38
7:45am	33
Hour total	130*

8:00am	58
8:15am	36
8:30am	54
8:45am	71
Hour total	219*

9:00am	65
9:15am	56
9:30am	68
9:45am	62
Hour total	251*

10:00am	56
10:15am	64
10:30am	74
10:45am	61
Hour total	255*

11:00am	54
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Report of Volume by Lane

Page: 6
Date: 11/19/1992

Location: VIA NORTE, S OF BROADWAY Start Day : 11/16/92 End Day : 11/19/92
Weather : CLEAR Start Time: 17:16:00 End Time: 00:45:00
Study ID: 358 Interval : 15 min Intervals: 222
Serial #: 100 Operator: TRA Type: Volume.none.none

Interval Time NORTH

Wed 11/18/1992

11:15am	49
11:30am	48
11:45am	55
Hour total	206*

12:00pm	48
12:15pm	55
12:30pm	60
12:45pm	47
Hour total	210*

1:00pm	42
1:15pm	62
1:30pm	52
1:45pm	62
Hour total	218*

2:00pm	39
2:15pm	57
2:30pm	62
2:45pm	54
Hour total	212*

3:00pm	55
3:15pm	54
3:30pm	35
3:45pm	56
Hour total	200*

4:00pm	33
4:15pm	42
4:30pm	46
4:45pm	36
Hour total	157*

5:00pm	23
5:15pm	30
5:30pm	22
5:45pm	22
Hour total	97*

6:00pm	22
6:15pm	26

Report of Volume by Lane

Page: 7
Date: 11/19/1992

Location: VIA NORTE, S OF BROADWAY Start Day : 11/16/92 End Day : 11/19/92
Weather : CLEAR Start Time: 17:16:00 End Time: 00:45:00
Study ID: 358 Interval : 15 min Intervals: 222
Serial #: 100 Operator: TRA Type: Volume.none.none

Interval Time NORTH

Wed 11/18/1992

6:30pm	15
6:45pm	17
Hour total	80*

7:00pm	12
7:15pm	15
7:30pm	9
7:45pm	4
Hour total	40*

8:00pm	4
8:15pm	6
8:30pm	8
8:45pm	0
Hour total	18*

9:00pm	0
9:15pm	0
9:30pm	0
9:45pm	4
Hour total	4*

10:00pm	0
10:15pm	0
10:30pm	0
10:45pm	0
Hour total	0*

11:00pm	0
11:15pm	0
11:30pm	0
11:45pm	0
Hour total	0*

Day total 2358*
Percent 100.0%

Report of Volume by Lane

Page: 8
Date: 11/19/1992

Location: VIA NORTE, S OF BROADWAY Start Day : 11/16/92 End Day : 11/19/92
Weather : CLEAR Start Time: 17:16:00 End Time: 00:45:00
Study ID: 358 Interval : 15 min Intervals: 222
Serial #: 100 Operator: TRA Type: Volume.none.none

Interval Time NORTH

Grand
Total 4754*
Percent 100.0%

-----<Peak hour analysis>-----

Start Date	Start Time	Peak Count	Peak Factor
11/17/92 A.M.	Peak starts 08:45	293	0.93
11/17/92 P.M.	Peak starts 13:30	240	0.85
11/18/92 A.M.	Peak starts 08:45	260	0.92
11/18/92 P.M.	Peak starts 14:15	228	0.92

-----<High hour usage times>-----

Time	Date	Hour	Date	Count
Highest hours from 00:00 to 00:00		11/17/92		
			11/17/92	
Highest		09:00	11/17/92	289
2nd Highest		10:00	11/17/92	260
3rd Highest		10:00	11/18/92	255

Graph of Volume by Hour

Page: 1
 Date: 11/19/1992

 Location: VIA NORTE, S OF BROADWAY Start Day : 11/16/92 End Day : 11/19/92
 Weather : CLEAR Start Time: 17:16:00 End Time: 00:45:00
 Study ID: 358 Interval : 15 min Intervals: 222
 Serial #: 100 Operator: TRA Type: Volume.none.none

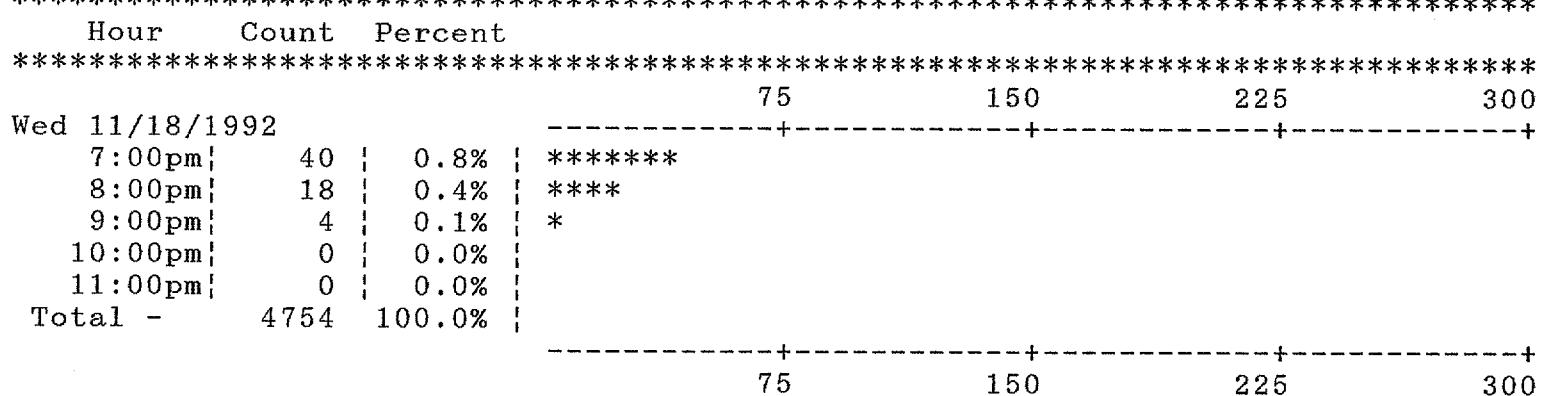
Hour	Count	Percent		75	150	225	300
Mon 11/16/1992				-----+-----+-----+-----+	-----+-----+-----+-----+	-----+-----+-----+-----+	-----+-----+-----+-----+
12:00am	0	0.0%					
1:00am	0	0.0%					
2:00am	0	0.0%					
3:00am	0	0.0%					
4:00am	0	0.0%					
5:00am	11	0.2%	**				
6:00am	47	1.0%	*****				
Tue 11/17/1992				-----+-----+-----+-----+	-----+-----+-----+-----+	-----+-----+-----+-----+	-----+-----+-----+-----+
7:00am	126	2.7%	*****				
8:00am	234	4.9%	*****				
9:00am	289	6.1%	*****				
10:00am	260	5.5%	*****				
11:00am	200	4.2%	*****				
12:00pm	210	4.4%	*****				
1:00pm	237	5.0%	*****				
2:00pm	215	4.5%	*****				
3:00pm	197	4.1%	*****				
4:00pm	155	3.3%	*****				
5:00pm	102	2.1%	*****				
6:00pm	61	1.3%	*****				
7:00pm	36	0.8%	*****				
8:00pm	16	0.3%	***				
9:00pm	0	0.0%					
10:00pm	0	0.0%					
11:00pm	0	0.0%					
12:00am	0	0.0%					
1:00am	0	0.0%					
2:00am	0	0.0%					
3:00am	0	0.0%					
4:00am	0	0.0%					
5:00am	9	0.2%	**				
6:00am	52	1.1%	*****				
Wed 11/18/1992				-----+-----+-----+-----+	-----+-----+-----+-----+	-----+-----+-----+-----+	-----+-----+-----+-----+
7:00am	130	2.7%	*****				
8:00am	219	4.6%	*****				
9:00am	251	5.3%	*****				
10:00am	255	5.4%	*****				
11:00am	206	4.3%	*****				
12:00pm	210	4.4%	*****				
1:00pm	218	4.6%	*****				
2:00pm	212	4.5%	*****				
3:00pm	200	4.2%	*****				
4:00pm	157	3.3%	*****				
5:00pm	97	2.0%	*****				
6:00pm	80	1.7%	*****				

-----+-----+-----+-----+
 75 150 225 300

Graph of Volume by Hour

Page: 2
Date: 11/19/1992

Location: VIA NORTE, S OF BROADWAY Start Day : 11/16/92 End Day : 11/19/92
Weather : CLEAR Start Time: 17:16:00 End Time: 00:45:00
Study ID: 358 Interval : 15 min Intervals: 222
Serial #: 100 Operator: TRA Type: Volume.none.none



Report of Volume by Lane

Page: 1
Date: 11/19/1992

Location: LEISURE WORLD BLVD, N OF SOUT Start Day : 11/16/92 End Day : 11/19/92
Weather : CLEAR Start Time: 17:43:00 End Time: 00:45:00
Study ID: 359 Interval : 15 min Intervals: 221
Serial #: 172 Operator: TRA Type: Volume.none.none

Interval Time SOUTH

Tue 11/17/1992

12:00am	0
12:15am	0
12:30am	0
12:45am	0
Hour total	0*

1:00am	0
1:15am	0
1:30am	0
1:45am	0
Hour total	0*

2:00am	0
2:15am	0
2:30am	0
2:45am	0
Hour total	0*

3:00am	0
3:15am	0
3:30am	0
3:45am	0
Hour total	0*

4:00am	0
4:15am	0
4:30am	0
4:45am	0
Hour total	0*

5:00am	0
5:15am	0
5:30am	4
5:45am	2
Hour total	6*

6:00am	1
6:15am	5
6:30am	5
6:45am	10
Hour total	21*

7:00am	13
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Report of Volume by Lane

Page: 2
Date: 11/19/1992

Location: LEISURE WORLD BLVD, N OF SOUT Start Day : 11/16/92 End Day : 11/19/92
Weather : CLEAR Start Time: 17:43:00 End Time: 00:45:00
Study ID: 359 Interval : 15 min Intervals: 221
Serial #: 172 Operator: TRA Type: Volume.none.none

Interval Time SOUTH

Tue 11/17/1992

7:15am	6
7:30am	15
7:45am	22
Hour total	56*

8:00am	28
8:15am	27
8:30am	14
8:45am	23
Hour total	92*

9:00am	32
9:15am	32
9:30am	37
9:45am	36
Hour total	137*

10:00am	45
10:15am	43
10:30am	44
10:45am	33
Hour total	165*

11:00am	27
11:15am	39
11:30am	35
11:45am	23
Hour total	124*

12:00pm	29
12:15pm	24
12:30pm	28
12:45pm	31
Hour total	112*

1:00pm	32
1:15pm	31
1:30pm	25
1:45pm	40
Hour total	128*

2:00pm	34
2:15pm	36

Report of Volume by Lane

Page: 3
Date: 11/19/1992

Location: LEISURE WORLD BLVD, N OF SOUT Start Day : 11/16/92 End Day : 11/19/92
Weather : CLEAR Start Time: 17:43:00 End Time: 00:45:00
Study ID: 359 Interval : 15 min Intervals: 221
Serial #: 172 Operator: TRA Type: Volume.none.none

Interval Time SOUTH

Tue 11/17/1992

2:30pm	28
2:45pm	29
Hour total	127*

3:00pm	25
3:15pm	23
3:30pm	24
3:45pm	17
Hour total	89*

4:00pm	27
4:15pm	23
4:30pm	17
4:45pm	25
Hour total	92*

5:00pm	16
5:15pm	23
5:30pm	17
5:45pm	8
Hour total	64*

6:00pm	7
6:15pm	13
6:30pm	10
6:45pm	10
Hour total	40*

7:00pm	8
7:15pm	4
7:30pm	5
7:45pm	3
Hour total	20*

8:00pm	5
8:15pm	8
8:30pm	3
8:45pm	4
Hour total	20*

9:00pm	0
9:15pm	0
9:30pm	0

Report of Volume by Lane

Page: 4
Date: 11/19/1992

Location: LEISURE WORLD BLVD, N OF SOUT Start Day : 11/16/92 End Day : 11/19/92
Weather : CLEAR Start Time: 17:43:00 End Time: 00:45:00
Study ID: 359 Interval : 15 min Intervals: 221
Serial #: 172 Operator: TRA Type: Volume.none.none

Interval Time SOUTH

Tue 11/17/1992

9:45pm	0
Hour total	0*

10:00pm	0
10:15pm	0
10:30pm	0
10:45pm	0
Hour total	0*

11:00pm	0
11:15pm	0
11:30pm	0
11:45pm	0
Hour total	0*

Day total 1293*
Percent 100.0%

Wed 11/18/1992

12:00am	0
12:15am	0
12:30am	0
12:45am	0
Hour total	0*

1:00am	0
1:15am	0
1:30am	0
1:45am	0
Hour total	0*

2:00am	0
2:15am	0
2:30am	0
2:45am	0
Hour total	0*

3:00am	0
3:15am	0
3:30am	0
3:45am	0
Hour total	0*

Report of Volume by Lane

Page: 5
Date: 11/19/1992

Location: LEISURE WORLD BLVD, N OF SOUT Start Day : 11/16/92 End Day : 11/19/92
Weather : CLEAR Start Time: 17:43:00 End Time: 00:45:00
Study ID: 359 Interval : 15 min Intervals: 221
Serial #: 172 Operator: TRA Type: Volume.none.none

Interval Time SOUTH

Wed 11/18/1992

4:00am	0
4:15am	0
4:30am	0
4:45am	0
Hour total	0*

5:00am	0
5:15am	1
5:30am	3
5:45am	2
Hour total	6*

6:00am	4
6:15am	5
6:30am	13
6:45am	8
Hour total	30*

7:00am	13
7:15am	11
7:30am	19
7:45am	17
Hour total	60*

8:00am	21
8:15am	14
8:30am	15
8:45am	34
Hour total	84*

9:00am	24
9:15am	33
9:30am	37
9:45am	35
Hour total	129*

10:00am	30
10:15am	34
10:30am	28
10:45am	32
Hour total	124*

11:00am	33
---------	----

Report of Volume by Lane

Page: 6
Date: 11/19/1992

Location: LEISURE WORLD BLVD, N OF SOUT Start Day : 11/16/92 End Day : 11/19/92
Weather : CLEAR Start Time: 17:43:00 End Time: 00:45:00
Study ID: 359 Interval : 15 min Intervals: 221
Serial #: 172 Operator: TRA Type: Volume.none.none

Interval Time SOUTH

Wed 11/18/1992

11:15am	27
11:30am	14
11:45am	15
Hour total	89*

12:00pm	29
12:15pm	35
12:30pm	33
12:45pm	20
Hour total	117*

1:00pm	32
1:15pm	12
1:30pm	22
1:45pm	19
Hour total	85*

2:00pm	22
2:15pm	39
2:30pm	32
2:45pm	30
Hour total	123*

3:00pm	20
3:15pm	23
3:30pm	24
3:45pm	33
Hour total	100*

4:00pm	15
4:15pm	16
4:30pm	11
4:45pm	23
Hour total	65*

5:00pm	12
5:15pm	15
5:30pm	13
5:45pm	19
Hour total	59*

6:00pm	7
6:15pm	13

Report of Volume by Lane

Page: 7
Date: 11/19/1992

Location: LEISURE WORLD BLVD, N OF SOUT Start Day : 11/16/92 End Day : 11/19/92
Weather : CLEAR Start Time: 17:43:00 End Time: 00:45:00
Study ID: 359 Interval : 15 min Intervals: 221
Serial #: 172 Operator: TRA Type: Volume.none.none

Interval Time SOUTH

Wed 11/18/1992

6:30pm	5
6:45pm	9
Hour total	34*

7:00pm	5
7:15pm	3
7:30pm	4
7:45pm	4
Hour total	16*

8:00pm	2
8:15pm	1
8:30pm	10
8:45pm	0
Hour total	13*

9:00pm	0
9:15pm	0
9:30pm	0
9:45pm	0
Hour total	0*

10:00pm	0
10:15pm	0
10:30pm	0
10:45pm	0
Hour total	0*

11:00pm	0
11:15pm	0
11:30pm	0
11:45pm	0
Hour total	0*

Day total 1134*
Percent 100.0%

Report of Volume by Lane

Page: 8
Date: 11/19/1992

Location: LEISURE WORLD BLVD, N OF SOUT Start Day : 11/16/92 End Day : 11/19/92
Weather : CLEAR Start Time: 17:43:00 End Time: 00:45:00
Study ID: 359 Interval : 15 min Intervals: 221
Serial #: 172 Operator: TRA Type: Volume.none.none

Interval Time SOUTH

Grand

Total 2427*
Percent 100.0%

-----<Peak hour analysis>-----

Start Date	Start Time	Peak Count	Peak Factor
11/17/92 A.M.	Peak starts 09:45	168	0.93
11/17/92 P.M.	Peak starts 13:45	138	0.86
11/18/92 A.M.	Peak starts 09:30	136	0.92
11/18/92 P.M.	Peak starts 14:00	123	0.79

-----<High hour usage times>-----

Time	Date	Hour	Date	Count
Highest hours from 00:00 11/17/92 to 00:00 11/19/92		Highest	10:00	11/17/92 165
		2nd Highest	09:00	11/17/92 137
		3rd Highest	09:00	11/18/92 129

Graph of Volume by Hour

Page: 1
 Date: 11/19/1992

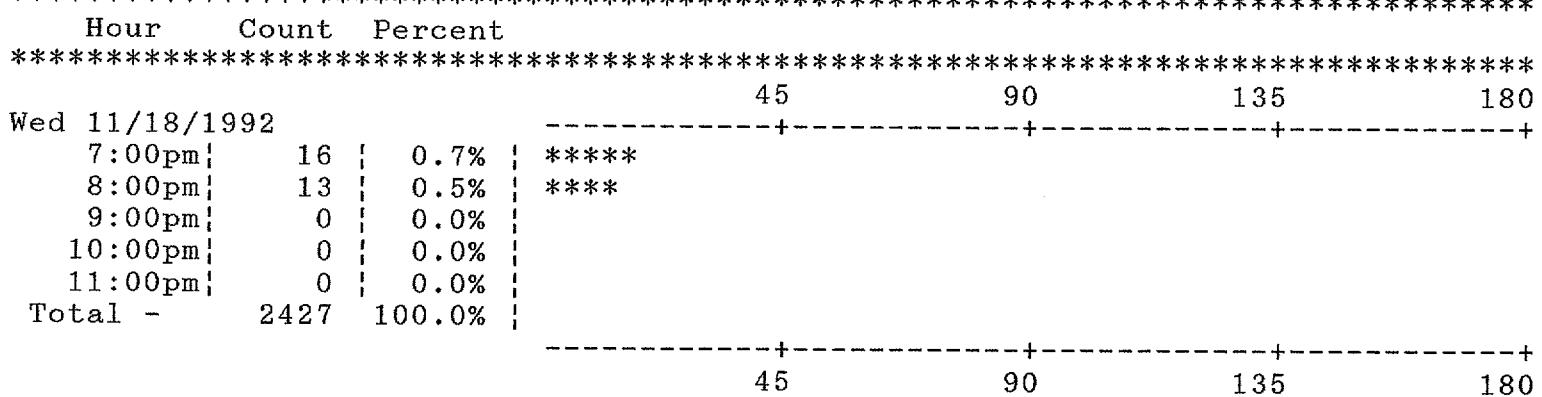
 Location: LEISURE WORLD BLVD, N OF SOUT Start Day : 11/16/92 End Day : 11/19/92
 Weather : CLEAR Start Time: 17:43:00 End Time: 00:45:00
 Study ID: 359 Interval : 15 min Intervals: 221
 Serial #: 172 Operator: TRA Type: Volume.none.none

Hour	Count	Percent		45	90	135	180
Mon 11/16/1992				-----+-----+-----+-----+	-----+-----+-----+-----+	-----+-----+-----+-----+	-----+-----+-----+-----+
12:00am	0	0.0%					
1:00am	0	0.0%					
2:00am	0	0.0%					
3:00am	0	0.0%					
4:00am	0	0.0%					
5:00am	6	0.2%	**				
6:00am	21	0.9%	*****				
Tue 11/17/1992				-----+-----+-----+-----+	-----+-----+-----+-----+	-----+-----+-----+-----+	-----+-----+-----+-----+
7:00am	56	2.3%	*****				
8:00am	92	3.8%	*****				
9:00am	137	5.6%	*****				
10:00am	165	6.8%	*****				
11:00am	124	5.1%	*****				
12:00pm	112	4.6%	*****				
1:00pm	128	5.3%	*****				
2:00pm	127	5.2%	*****				
3:00pm	89	3.7%	*****				
4:00pm	92	3.8%	*****				
5:00pm	64	2.6%	*****				
6:00pm	40	1.6%	*****				
7:00pm	20	0.8%	*****				
8:00pm	20	0.8%	*****				
9:00pm	0	0.0%					
10:00pm	0	0.0%					
11:00pm	0	0.0%					
Wed 11/18/1992				-----+-----+-----+-----+	-----+-----+-----+-----+	-----+-----+-----+-----+	-----+-----+-----+-----+
12:00am	0	0.0%					
1:00am	0	0.0%					
2:00am	0	0.0%					
3:00am	0	0.0%					
4:00am	0	0.0%					
5:00am	6	0.2%	**				
6:00am	30	1.2%	*****				
				-----+-----+-----+-----+	-----+-----+-----+-----+	-----+-----+-----+-----+	-----+-----+-----+-----+
7:00am	60	2.5%	*****				
8:00am	84	3.5%	*****				
9:00am	129	5.3%	*****				
10:00am	124	5.1%	*****				
11:00am	89	3.7%	*****				
12:00pm	117	4.8%	*****				
1:00pm	85	3.5%	*****				
2:00pm	123	5.1%	*****				
3:00pm	100	4.1%	*****				
4:00pm	65	2.7%	*****				
5:00pm	59	2.4%	*****				
6:00pm	34	1.4%	*****				

Graph of Volume by Hour

Page: 2
Date: 11/19/1992

Location: LEISURE WORLD BLVD, N OF SOUT Start Day : 11/16/92 End Day : 11/19/92
Weather : CLEAR Start Time: 17:43:00 End Time: 00:45:00
Study ID: 359 Interval : 15 min Intervals: 221
Serial #: 172 Operator: TRA Type: Volume.none.none



*From
Susan Siegel*

TRIP GENERATION TABLE

DATE 12/16/1992SITE FAIRWAY BLVD & PAPAGO PLNAME SULEIMAN

TIME	CAR		VAN		BIKE		GOLF		PED.		TRUCK		TOTAL		TOTAL IN & OUT	
	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT		
10:00 -10:15	1	2												1	2	3
10:15 -10:30	1	1												1	1	2
10:30 -10:45	0	2												0	2	2
10:45 -11:00	2	0												2	0	2
11:00 -11:15	0	1												0	1	1
11:15 -11:30	0	1						1						1	1	2
11:30 -11:45	0	0												0	0	0
11:45 -12:00	1	1												1	1	2
12:00 -12:15	2	1												2	1	3
12:15 -12:30	0	1												0	1	1
12:30 -12:45	1	1												1	1	2
12:45 - 1:00	1	1												1	1	2
1:00 - 1:15	2	1											1	3	1	4
1:15 - 1:30	0	1											1	1	1	2
1:30 - 1:45	1	2												1	2	3
1:45 - 2:00	0	1												0	1	1
2:00 - 2:15	1	2											1	1	3	4
2:15 - 2:30	1	0											1	1	2	1
2:30 - 2:45	1	0											2	1	2	3
2:45 - 3:00	1	1												1	1	2
3:00 - 3:15	1	2												1	2	3
3:15 - 3:30	1	1												1	1	2
3:30 - 3:45	1	1												1	1	2
3:45 - 4:00	1	0												1	0	1
TOTAL	20	24	0	0	0	0	1	0	0	0	3	4	24	28	52	

TRIP GENERATION TABLE

DATE 12/16/1992SITE FAIRWAY BLVD & LAKEWAYNAME SULEIMAN

TIME	CAR		VAN		BIKE		GOLF		PED.		TRUCK		TOTAL		TOTAL IN & OUT	
	IN	OUT														
10:00 -10:15	*****	*****	****	****	*****	*****	****	****	*****	*****	*****	*****	*****	*****	*****	
10:15 -10:30	*****	*****	****	****	*****	*****	****	****	*****	*****	*****	*****	*****	*****	*****	
10:30 -10:45	1	3							1					1	4	
10:45 -11:00	2	0												2	0	
11:00 -11:15	0	0							1					0	1	
11:15 -11:30	1	0												1	0	
11:30 -11:45	1	0												1	0	
11:45 -12:00	0	0												0	0	
12:00 -12:15	0	0												0	0	
12:15 -12:30	1	0												1	0	
12:30 -12:45	0	0												0	0	
12:45 - 1:00	1	0							1					1	1	
1:00 - 1:15	0	0												0	0	
1:15 - 1:30	0	0								1				0	1	
1:30 - 1:45	0	0												0	0	
1:45 - 2:00	0	0									1	1		1	1	
2:00 - 2:15	0	0								1				1	0	
2:15 - 2:30	1	1												1	1	
2:30 - 2:45	0	0												0	0	
2:45 - 3:00	1	0												1	0	
3:00 - 3:15	0	1												0	1	
3:15 - 3:30	0	0												0	0	
3:30 - 3:45	*****	*****	****	****	*****	*****	****	****	*****	*****	*****	*****	*****	*****	*****	
3:45 - 4:00	*****	*****	****	****	*****	*****	****	****	*****	*****	*****	*****	*****	*****	*****	
TOTAL	9	5	0	0	0	0	0	0	3	1	2	1	0	11	10	21

OCCUPANCY TABLE

DATE 12/16/1992 SITE PAPAGO PL (IN)NAME SULEIMAN

TIME	CAR				TOTAL INDIV.	VAN			TOTAL INDIV.	GOLF			TOTAL INDIV.	TRUCK		TOTAL INDIV.	TOTAL INDIV.
	1	2	3	4		1	2	3		1	2	3		1	2		
10:00 - 10:15	1				1				0				0			0	1
10:15 - 10:30		1			2				0				0			0	2
10:30 - 10:45					0				0				0			0	0
10:45 - 11:00	1	1			3				0				0			0	3
11:00 - 11:15	0				0				0				0			0	0
11:15 - 11:30	0				0				0	1			1			0	1
11:30 - 11:45	0				0				0				0			0	0
11:45 - 12:00	0		1		3				0				0			0	3
12:00 - 12:15	2				2				0				0			0	2
12:15 - 12:30	0				0				0				0			0	0
12:30 - 12:45	1				1				0				0			0	1
12:45 - 1:00	1				1				0				0			0	1
1:00 - 1:15	1	1			3				0				0	1	2	5	
1:15 - 1:30	0				0				0				0	1		1	1
1:30 - 1:45	1				1				0				0			0	1
1:45 - 2:00	0				0				0				0			0	0
2:00 - 2:15	1				1				0				0			0	1
2:15 - 2:30	1				1				0				0	1	2	3	
2:30 - 2:45	1				1				0				0			0	1
2:45 - 3:00	1				1				0				0			0	1
3:00 - 3:15	1				1				0				0			0	1
3:15 - 3:30	1				1				0				0			0	1
3:30 - 3:45	1				1				0				0			0	1
3:45 - 4:00	1				1				0				0			0	1
TOTAL	16	3	1	0	25	0	0	0	0	1	0	0	1	1	2	5	31

TOTAL NUMBER OF PEOPLE (IN) = SUM (CAR,VAN,GOLF,TRUCK) + BIKE + PED. = 31

OCCUPANCY TABLE

DATE 12/16/1992 SITE PAPAGO PL (OUT)NAME SULEIMAN

TIME	CAR				TOTAL INDIV.	VAN			TOTAL INDIV.	GOLF			TOTAL INDIV.	TRUCK		TOTAL INDIV.	TOTAL INDIV.
	1	2	3	4		1	2	3		1	2	3		1	2		
10:00 - 10:15		2			4				0				0			0	4
10:15 - 10:30	1				1				0				0			0	1
10:30 - 10:45	1	1			3				0				0			0	3
10:45 - 11:00					0				0				0			0	0
11:00 - 11:15		1			2				0				0			0	2
11:15 - 11:30	1				1				0				0			0	1
11:30 - 11:45					0				0				0			0	0
11:45 - 12:00	1				1				0				0			0	1
12:00 - 12:15			1		3				0				0			0	3
12:15 - 12:30	1				1				0				0			0	1
12:30 - 12:45	1				1				0				0			0	1
12:45 - 1:00	1				1				0				0			0	1
1:00 - 1:15	1				1				0				0			0	1
1:15 - 1:30	1				1				0				0			0	1
1:30 - 1:45	2				2				0				0			0	2
1:45 - 2:00	1				1				0				0			0	1
2:00 - 2:15	1	1			3				0				0	1		1	4
2:15 - 2:30					0				0				0		1	2	2
2:30 - 2:45					0				0				0		2	4	4
2:45 - 3:00		1			2				0				0			0	2
3:00 - 3:15	2				2				0				0			0	2
3:15 - 3:30	1				1				0				0			0	1
3:30 - 3:45	1				1				0				0			0	1
3:45 - 4:00	0				0				0				0			0	0
TOTAL	17	6	1	0	32	0	0	0	0	0	0	0	0	1	3	7	39

TOTAL NUMBER OF PEOPLE (OUT) = SUM (CAR,VAN,GOLF,TRUCK) + BIKE + PED. = 39

OCCUPANCY TABLE

DATE 12/16/1992SITE PAPAGO PL (TOTAL)NAME SULEIMAN

TIME	CAR				TOTAL INDIV.	VAN			TOTAL INDIV.	GOLF			TOTAL INDIV.	TRUCK		TOTAL INDIV.	TOTAL INDIV.
	1	2	3	4		1	2	3		1	2	3		1	2		
10:00 - 10:15	1	2	0	0	5	0	0	0	0	0	0	0	0	0	0	0	5
10:15 - 10:30	1	1	0	0	3	0	0	0	0	0	0	0	0	0	0	0	3
10:30 - 10:45	1	1	0	0	3	0	0	0	0	0	0	0	0	0	0	0	3
10:45 - 11:00	1	1	0	0	3	0	0	0	0	0	0	0	0	0	0	0	3
11:00 - 11:15	0	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
11:15 - 11:30	1	0	0	0	1	0	0	0	0	1	0	0	1	0	0	0	2
11:30 - 11:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:45 - 12:00	1	0	1	0	4	0	0	0	0	0	0	0	0	0	0	0	4
12:00 - 12:15	2	0	1	0	5	0	0	0	0	0	0	0	0	0	0	0	5
12:15 - 12:30	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
12:30 - 12:45	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
12:45 - 1:00	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
1:00 - 1:15	2	1	0	0	4	0	0	0	0	0	0	0	0	0	1	2	6
1:15 - 1:30	1	0	0	0	1	0	0	0	0	0	0	0	0	1	0	1	2
1:30 - 1:45	3	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	3
1:45 - 2:00	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
2:00 - 2:15	2	1	0	0	4	0	0	0	0	0	0	0	0	1	0	1	5
2:15 - 2:30	1	0	0	0	1	0	0	0	0	0	0	0	0	0	2	4	5
2:30 - 2:45	1	0	0	0	1	0	0	0	0	0	0	0	0	0	2	4	5
2:45 - 3:00	1	1	0	0	3	0	0	0	0	0	0	0	0	0	0	0	3
3:00 - 3:15	3	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	3
3:15 - 3:30	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
3:30 - 3:45	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
3:45 - 4:00	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
TOTAL	33	9	2	0	57	0	0	0	0	1	0	0	1	2	5	12	70

TOTAL NUMBER OF PEOPLE (IN & OUT) = SUM (CAR,VAN,GOLF,TRUCK) + BIKE + PED. = 70

TRIP GENERATION TABLE

DATE 12/16/1992SITE HOGAN DR.NAME AZIZ

TIME	CAR		VAN		BIKE		GOLF		PED.		TRUCK		TOTAL		TOTAL IN & OUT	
	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT		
10:00 -10:15	2	4						1		1				2	6	8
10:15 -10:30	3	3												3	3	6
10:30 -10:45	1	1												1	1	2
10:45 -11:00	2	3							1					3	3	6
11:00 -11:15	3	1				1								3	2	5
11:15 -11:30	1	0												1	0	1
11:30 -11:45	2	1						1						3	1	4
11:45 -12:00	1	2								1				1	3	4
12:00 -12:15	2	1												2	1	3
12:15 -12:30	0	0												0	0	0
12:30 -12:45	0	1												0	1	1
12:45 - 1:00	2	0	1											3	0	3
1:00 - 1:15	0	1												0	1	1
1:15 - 1:30	2	1												2	1	3
1:30 - 1:45	1	3												1	3	4
1:45 - 2:00	1	3							1					1	4	5
2:00 - 2:15	1	2												1	2	3
2:15 - 2:30	1	0												1	0	1
2:30 - 2:45	1	0				1								2	0	2
2:45 - 3:00	2	1								1				2	2	4
3:00 - 3:15	0	2			1				1					2	2	4
3:15 - 3:30	1	1												1	1	2
3:30 - 3:45	1	0							1	1				2	1	3
3:45 - 4:00	2	2												2	2	4
TOTAL	32	33	1	0	1	1	2	1	3	5	0	0	39	40	79	

OCCUPANCY TABLE

DATE 12/16/1992 SITE HOGAN DR. (IN)NAME AZIZ

TIME	CAR				TOTAL INDIV.	VAN			TOTAL INDIV.	GOLF			TOTAL INDIV.	TRUCK		TOTAL INDIV.	TOTAL INDIV.
	1	2	3	4		1	2	3		1	2	3		1	2		
10:00 - 10:15	2	0			2				0				0			0	2
10:15 - 10:30	3	0			3				0				0			0	3
10:30 - 10:45	1	0			1				0				0			0	1
10:45 - 11:00	1	1			3				0				0			0	3
11:00 - 11:15	3	0			3				0				0			0	3
11:15 - 11:30	0	0	1		3				0				0			0	3
11:30 - 11:45	1	1			3				0	1			1			0	4
11:45 - 12:00	1	0			1				0				0			0	1
12:00 - 12:15	1	1			3				0				0			0	3
12:15 - 12:30	0				0				0				0			0	0
12:30 - 12:45	0				0				0				0			0	0
12:45 - 1:00	1		1		4	1			1				0			0	5
1:00 - 1:15	0				0				0				0			0	0
1:15 - 1:30	1		1		4				0				0			0	4
1:30 - 1:45	0	1			2				0				0			0	2
1:45 - 2:00	1				1				0				0			0	1
2:00 - 2:15	1				1				0				0			0	1
2:15 - 2:30	1				1				0				0			0	1
2:30 - 2:45	1				1				0	1			1			0	2
2:45 - 3:00	1	1			3				0				0			0	3
3:00 - 3:15	0				0				0				0			0	0
3:15 - 3:30	1				1				0				0			0	1
3:30 - 3:45	1				1				0				0			0	1
3:45 - 4:00	2				2				0				0			0	2
TOTAL	24	5	3	0	43	1	0	0	1	2	0	0	2	0	0	0	46

TOTAL NUMBER OF PEOPLE (IN) = SUM (CAR,VAN,GOLF,TRUCK) + BIKE + PED. = 50

OCCUPANCY TABLE

DATE 12/16/1992SITE HOGAN DR. (OUT)NAME AZIZ

TIME	CAR				TOTAL INDIV.	VAN			TOTAL INDIV.	GOLF			TOTAL INDIV.	TRUCK		TOTAL INDIV.	TOTAL INDIV.
	1	2	3	4		1	2	3		1	2	3		1	2		
10:00 -10:15	4	0			4				0	1			1			0	5
10:15 -10:30	2	1			4				0				0			0	4
10:30 -10:45	1	0			1				0				0			0	1
10:45 -11:00	1	2			5				0				0			0	5
11:00 -11:15	0	1			2				0				0			0	2
11:15 -11:30	0				0				0				0			0	0
11:30 -11:45	0		1		3				0				0			0	3
11:45 -12:00	2				2				0				0			0	2
12:00 -12:15	1				1				0				0			0	1
12:15 -12:30	0				0				0				0			0	0
12:30 -12:45	1				1				0				0			0	1
12:45 - 1:00	0				0				0				0			0	0
1:00 - 1:15	1				1				0				0			0	1
1:15 - 1:30	0		1		3				0				0			0	3
1:30 - 1:45	2		1		5				0				0			0	5
1:45 - 2:00	2	1			4				0				0			0	4
2:00 - 2:15	1	1			3				0				0			0	3
2:15 - 2:30	0				0				0				0			0	0
2:30 - 2:45	0				0				0				0			0	0
2:45 - 3:00	1				1				0				0			0	1
3:00 - 3:15	2				2				0				0			0	2
3:15 - 3:30	1				1				0				0			0	1
3:30 - 3:45	0				0				0				0			0	0
3:45 - 4:00	1	1			3				0				0			0	3
TOTAL	23	7	3	0	46	0	0	0	0	1	0	0	1	0	0	0	47

TOTAL NUMBER OF PEOPLE (OUT) = SUM (CAR,VAN,GOLF,TRUCK) + BIKE + PED. = 53

OCCUPANCY TABLE

DATE 12/16/1992SITE HOGAN DR. (OUT)NAME AZIZTOTAL

TIME	CAR				TOTAL INDIV.	VAN			TOTAL INDIV.	GOLF			TOTAL INDIV.	TRUCK		TOTAL INDIV.	TOTAL INDIV.
	1	2	3	4		1	2	3		1	2	3		1	2		
10:00 - 10:15	6	0	0	0	6	0	0	0	0	1	0	0	1	0	0	0	7
10:15 - 10:30	5	1	0	0	7	0	0	0	0	0	0	0	0	0	0	0	7
10:30 - 10:45	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
10:45 - 11:00	2	3	0	0	8	0	0	0	0	0	0	0	0	0	0	0	8
11:00 - 11:15	3	1	0	0	5	0	0	0	0	0	0	0	0	0	0	0	5
11:15 - 11:30	0	0	1	0	3	0	0	0	0	0	0	0	0	0	0	0	3
11:30 - 11:45	1	1	1	0	6	0	0	0	0	1	0	0	1	0	0	0	7
11:45 - 12:00	3	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	3
12:00 - 12:15	2	1	0	0	4	0	0	0	0	0	0	0	0	0	0	0	4
12:15 - 12:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:30 - 12:45	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
12:45 - 1:00	1	0	1	0	4	1	0	0	1	0	0	0	0	0	0	0	5
1:00 - 1:15	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
1:15 - 1:30	1	0	2	0	7	0	0	0	0	0	0	0	0	0	0	0	7
1:30 - 1:45	2	1	1	0	7	0	0	0	0	0	0	0	0	0	0	0	7
1:45 - 2:00	3	1	0	0	5	0	0	0	0	0	0	0	0	0	0	0	5
2:00 - 2:15	2	1	0	0	4	0	0	0	0	0	0	0	0	0	0	0	4
2:15 - 2:30	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
2:30 - 2:45	1	0	0	0	1	0	0	0	0	1	0	0	1	0	0	0	2
2:45 - 3:00	2	1	0	0	4	0	0	0	0	0	0	0	0	0	0	0	4
3:00 - 3:15	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
3:15 - 3:30	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
3:30 - 3:45	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
3:45 - 4:00	3	1	0	0	5	0	0	0	0	0	0	0	0	0	0	0	5
TOTAL	47	12	6	0	89	1	0	0	1	3	0	0	3	0	0	0	93

TOTAL NUMBER OF PEOPLE (IN & OUT) = SUM (CAR,VAN,GOLF,TRUCK) + BIKE + PED. = 103

Report of Volume by Lane

Page: 1
Date: 12/18/1992

Location: COCHISE PL, W OF DOBSON Start Day : 12/15/92 End Day : 12/18/92
Weather : CLEAR Start Time: 09:44:00 End Time: 01:00:00
Study ID: 373 Interval : 15 min Intervals: 254
Serial #: 243 Operator: TRA Type: Volume.none.none

Interval Time EAST

Tue 12/15/1992

9:45am	28
Hour total	28*
10:00am	34
10:15am	28
10:30am	30
10:45am	24
Hour total	116*
11:00am	24
11:15am	18
11:30am	28
11:45am	25
Hour total	95*
12:00pm	15
12:15pm	18
12:30pm	22
12:45pm	16
Hour total	71*
1:00pm	25
1:15pm	23
1:30pm	20
1:45pm	24
Hour total	92*
2:00pm	22
2:15pm	16
2:30pm	15
2:45pm	24
Hour total	77*
3:00pm	22
3:15pm	21
3:30pm	23
3:45pm	23
Hour total	89*
4:00pm	23
4:15pm	19
4:30pm	24
4:45pm	17
Hour total	83*

Report of Volume by Lane

Location: COCHISE PL, W OF DOBSON Start Day : 12/15/92 End Day : 12/18/92
Weather : CLEAR Start Time: 09:44:00 End Time: 01:00:00
Study ID: 373 Interval : 15 min Intervals: 254
Serial #: 243 Operator: TRA Type: Volume.none.none

Interval Time EAST

Tue 12/15/1992

5:00pm	13
5:15pm	13
5:30pm	14
5:45pm	11
Hour total	51*

6:00pm	13
6:15pm	8
6:30pm	17
6:45pm	14
Hour total	52*

7:00pm	5
7:15pm	4
7:30pm	8
7:45pm	2
Hour total	19*

8:00pm	2
8:15pm	7
8:30pm	7
8:45pm	2
Hour total	18*

9:00pm	2
9:15pm	8
9:30pm	4
9:45pm	5
Hour total	19*

10:00pm	0
10:15pm	2
10:30pm	5
10:45pm	0
Hour total	7*

11:00pm	3
11:15pm	0
11:30pm	0
11:45pm	0
Hour total	3*

Day total 820*
Percent 100.0%

Report of Volume by Lane

Location: COCHISE PL, W OF DOBSON Start Day : 12/15/92 End Day : 12/18/92
Weather : CLEAR Start Time: 09:44:00 End Time: 01:00:00
Study ID: 373 Interval : 15 min Intervals: 254
Serial #: 243 Operator: TRA Type: Volume.none.none

Interval Time EAST

Wed 12/16/1992

12:00am	0
12:15am	0
12:30am	1
12:45am	1
Hour total	2*

1:00am	0
1:15am	1
1:30am	0
1:45am	0
Hour total	1*

2:00am	0
2:15am	0
2:30am	0
2:45am	1
Hour total	1*

3:00am	1
3:15am	1
3:30am	1
3:45am	0
Hour total	3*

4:00am	0
4:15am	0
4:30am	0
4:45am	2
Hour total	2*

5:00am	0
5:15am	3
5:30am	3
5:45am	5
Hour total	11*

6:00am	4
6:15am	5
6:30am	4
6:45am	3
Hour total	16*

7:00am	4
--------	---

Report of Volume by Lane

Location: COCHISE PL, W OF DOBSON Start Day : 12/15/92 End Day : 12/18/92
Weather : CLEAR Start Time: 09:44:00 End Time: 01:00:00
Study ID: 373 Interval : 15 min Intervals: 254
Serial #: 243 Operator: TRA Type: Volume.none.none

Interval Time EAST

Wed 12/16/1992

7:15am	12
7:30am	20
7:45am	16
Hour total	52*

8:00am	11
8:15am	16
8:30am	22
8:45am	22
Hour total	71*

9:00am	22
9:15am	24
9:30am	31
9:45am	25
Hour total	102*

10:00am	23
10:15am	20
10:30am	32
10:45am	22
Hour total	97*

11:00am	20
11:15am	14
11:30am	18
11:45am	28
Hour total	80*

12:00pm	18
12:15pm	18
12:30pm	32
12:45pm	22
Hour total	90*

1:00pm	12
1:15pm	16
1:30pm	19
1:45pm	17
Hour total	64*

2:00pm	32
2:15pm	19

Report of Volume by Lane

Page: 5
Date: 12/18/1992

Location: COCHISE PL, W OF DOBSON Start Day : 12/15/92 End Day : 12/18/92
Weather : CLEAR Start Time: 09:44:00 End Time: 01:00:00
Study ID: 373 Interval : 15 min Intervals: 254
Serial #: 243 Operator: TRA Type: Volume.none.none

Interval Time EAST

Wed 12/16/1992

2:30pm	23
2:45pm	32
Hour total	106*

3:00pm	18
3:15pm	20
3:30pm	24
3:45pm	12
Hour total	74*

4:00pm	20
4:15pm	21
4:30pm	17
4:45pm	15
Hour total	73*

5:00pm	22
5:15pm	19
5:30pm	9
5:45pm	12
Hour total	62*

6:00pm	12
6:15pm	16
6:30pm	8
6:45pm	17
Hour total	53*

7:00pm	17
7:15pm	11
7:30pm	6
7:45pm	4
Hour total	38*

8:00pm	8
8:15pm	1
8:30pm	3
8:45pm	6
Hour total	18*

9:00pm	7
9:15pm	15
9:30pm	8

Report of Volume by Lane

Location: COCHISE PL, W OF DOBSON Start Day : 12/15/92 End Day : 12/18/92
Weather : CLEAR Start Time: 09:44:00 End Time: 01:00:00
Study ID: 373 Interval : 15 min Intervals: 254
Serial #: 243 Operator: TRA Type: Volume.none.none

Interval Time EAST

Wed 12/16/1992

9:45pm	2
Hour total	32*

10:00pm	2
10:15pm	5
10:30pm	0
10:45pm	4
Hour total	11*

11:00pm	0
11:15pm	1
11:30pm	0
11:45pm	0
Hour total	1*

Day total 1060*
Percent 100.0%

Thu 12/17/1992

12:00am	0
12:15am	0
12:30am	0
12:45am	0
Hour total	0*

1:00am	0
1:15am	0
1:30am	0
1:45am	0
Hour total	0*

2:00am	0
2:15am	0
2:30am	0
2:45am	0
Hour total	0*

3:00am	0
3:15am	1
3:30am	0
3:45am	0
Hour total	1*

Report of Volume by Lane

Page: 7
Date: 12/18/1992

Location: COCHISE PL, W OF DOBSON Start Day : 12/15/92 End Day : 12/18/92
Other : CLEAR Start Time: 09:44:00 End Time: 01:00:00
Study ID: 373 Interval : 15 min Intervals: 254
Serial #: 243 Operator: TRA Type: Volume.none.none

Interval Time EAST

Thu 12/17/1992

4:00am	0
4:15am	0
4:30am	1
4:45am	0
Hour total	1*
5:00am	1
5:15am	4
5:30am	1
5:45am	3
Hour total	9*
6:00am	6
6:15am	2
6:30am	3
6:45am	10
Hour total	21*
7:00am	11
7:15am	12
7:30am	12
7:45am	11
Hour total	46*
8:00am	18
8:15am	17
8:30am	13
8:45am	23
Hour total	71*
9:00am	19
9:15am	20
9:30am	19
9:45am	27
Hour total	85*
10:00am	24
10:15am	20
10:30am	21
10:45am	16
Hour total	81*
11:00am	21

Report of Volume by Lane

Page: 8
Date: 12/18/1992

Location: COCHISE PL, W OF DOBSON Start Day : 12/15/92 End Day : 12/18/92
Other : CLEAR Start Time: 09:44:00 End Time: 01:00:00
Study ID: 373 Interval : 15 min Intervals: 254
Serial #: 243 Operator: TRA Type: Volume.none.none

Interval Time EAST

Thu 12/17/1992

11:15am	20
11:30am	23
11:45am	21
Hour total	85*

12:00pm	21
12:15pm	26
12:30pm	22
12:45pm	21
Hour total	90*

1:00pm	23
1:15pm	27
1:30pm	12
1:45pm	19
Hour total	81*

2:00pm	17
2:15pm	25
2:30pm	15
2:45pm	18
Hour total	75*

3:00pm	19
3:15pm	24
3:30pm	16
3:45pm	22
Hour total	81*

4:00pm	18
4:15pm	14
4:30pm	18
4:45pm	12
Hour total	62*

5:00pm	13
5:15pm	11
5:30pm	10
5:45pm	13
Hour total	47*

6:00pm	12
6:15pm	8

Report of Volume by Lane

Location: COCHISE PL, W OF DOBSON Start Day : 12/15/92 End Day : 12/18/92
Weather : CLEAR Start Time: 09:44:00 End Time: 01:00:00
Study ID: 373 Interval : 15 min Intervals: 254
Serial #: 243 Operator: TRA Type: Volume.none.none

Interval Time EAST

Thu 12/17/1992

6:30pm	10
6:45pm	8
Hour total	38*

7:00pm	10
7:15pm	6
7:30pm	3
7:45pm	3
Hour total	22*

8:00pm	2
8:15pm	9
8:30pm	9
8:45pm	8
Hour total	28*

9:00pm	9
9:15pm	3
9:30pm	5
9:45pm	4
Hour total	21*

10:00pm	5
10:15pm	4
10:30pm	2
10:45pm	5
Hour total	16*

11:00pm	1
11:15pm	1
11:30pm	1
11:45pm	0
Hour total	3*

Day total	964*
Percent	100.0%

Fri 12/18/1992

12:00am	0
12:15am	0
12:30am	0
12:45am	0
Hour total	0*

Report of Volume by Lane

Page: 11
Date: 12/18/1992

Location: COCHISE PL, W OF DOBSON Start Day : 12/15/92 End Day : 12/18/92
Weather : CLEAR Start Time: 09:44:00 End Time: 01:00:00
Study ID: 373 Interval : 15 min Intervals: 254
Serial #: 243 Operator: TRA Type: Volume.none.none

Interval Time EAST

Grand
Total 2844*
Percent 100.0%

-----<Peak hour analysis>-----

Start Date	Start Time	Peak Count	Peak Factor	
23/112/349 A.M.	Peak starts 1780:13056	0	N.A.	
12/15/92 P.M.	Peak starts 13:00	92	0.92	
12/16/92 A.M.	Peak starts 09:15	103	0.83	
12/16/92 P.M.	Peak starts 14:00	106	0.83	
12/17/92 A.M.	Peak starts 09:45	92	0.85	
12/17/92 P.M.	Peak starts 12:30	93	0.86	
12/17/92 A.M.	Peak starts 23:15	2	0.50	
23/112/249 P.M.	Peak starts 1780:13056	0	N.A.	

-----<High hour usage times>-----

Time	Date	Hour	Date	Count
Highest hours from 09:44 to 01:00	12/15/92			
	12/18/92	Highest	10:00	12/15/92
		2nd Highest	14:00	12/16/92
		3rd Highest	09:00	12/16/92

Report of Volume by Lane

Page: 1
Date: 12/18/1992

Location: PINTO RD, W OF DOBSON Start Day : 12/15/92 End Day : 12/18/92
Weather : CLEAR Start Time: 09:51:00 End Time: 01:00:00
Study ID: 374 Interval : 15 min Intervals: 253
Serial #: 246 Operator: TRA Type: Volume.none.none

Interval Time EAST

Tue 12/15/1992

10:00am	3
10:15am	2
10:30am	2
10:45am	1
Hour total	8*

11:00am	7
11:15am	1
11:30am	3
11:45am	1
Hour total	12*

12:00pm	3
12:15pm	2
12:30pm	2
12:45pm	4
Hour total	11*

1:00pm	3
1:15pm	1
1:30pm	3
1:45pm	1
Hour total	8*

2:00pm	2
2:15pm	1
2:30pm	1
2:45pm	2
Hour total	6*

3:00pm	0
3:15pm	1
3:30pm	2
3:45pm	1
Hour total	4*

4:00pm	2
4:15pm	0
4:30pm	2
4:45pm	0
Hour total	4*

5:00pm	0
--------	---

Report of Volume by Lane

Page: 2
Date: 12/18/1992

Location: PINTO RD, W OF DOBSON Start Day : 12/15/92 End Day : 12/18/92
Weather : CLEAR Start Time: 09:51:00 End Time: 01:00:00
Study ID: 374 Interval : 15 min Intervals: 253
Serial #: 246 Operator: TRA Type: Volume.none.none

Interval Time EAST

Tue 12/15/1992

5:15pm	0
5:30pm	0
5:45pm	2
Hour total	2*

6:00pm	0
6:15pm	2
6:30pm	0
6:45pm	1
Hour total	3*

7:00pm	1
7:15pm	0
7:30pm	0
7:45pm	0
Hour total	1*

8:00pm	0
8:15pm	0
8:30pm	1
8:45pm	0
Hour total	1*

9:00pm	0
9:15pm	0
9:30pm	0
9:45pm	0
Hour total	0*

10:00pm	0
10:15pm	0
10:30pm	0
10:45pm	0
Hour total	0*

11:00pm	0
11:15pm	0
11:30pm	0
11:45pm	1
Hour total	1*

Day total 61*
Percent 100.0%

Report of Volume by Lane

Location: PINTO RD, W OF DOBSON Start Day : 12/15/92 End Day : 12/18/92
Weather : CLEAR Start Time: 09:51:00 End Time: 01:00:00
Study ID: 374 Interval : 15 min Intervals: 253
Serial #: 246 Operator: TRA Type: Volume.none.none

Interval Time EAST

Wed 12/16/1992

12:00am	0
12:15am	0
12:30am	0
12:45am	0
Hour total	0*
1:00am	0
1:15am	0
1:30am	0
1:45am	0
Hour total	0*
2:00am	0
2:15am	0
2:30am	0
2:45am	0
Hour total	0*
3:00am	0
3:15am	0
3:30am	0
3:45am	2
Hour total	2*
4:00am	0
4:15am	1
4:30am	0
4:45am	0
Hour total	1*
5:00am	0
5:15am	0
5:30am	0
5:45am	0
Hour total	0*
6:00am	1
6:15am	0
6:30am	2
6:45am	1
Hour total	4*
7:00am	0

Report of Volume by Lane

Location: PINTO RD, W OF DOBSON Start Day : 12/15/92 End Day : 12/18/92
Weather : CLEAR Start Time: 09:51:00 End Time: 01:00:00
Study ID: 374 Interval : 15 min Intervals: 253
Serial #: 246 Operator: TRA Type: Volume.none.none

Interval Time EAST

Wed 12/16/1992
7:15am 2
7:30am 0
7:45am 1
Hour total 3*

8:00am 2
8:15am 2
8:30am 2
8:45am 0
Hour total 6*

9:00am 2
9:15am 0
9:30am 3
9:45am 1
Hour total 6*

10:00am 3
10:15am 5
10:30am 0
10:45am 2
Hour total 10*

11:00am 1
11:15am 0
11:30am 1
11:45am 0
Hour total 2*

12:00pm 2
12:15pm 1
12:30pm 3
12:45pm 3
Hour total 9*

1:00pm 1
1:15pm 1
1:30pm 3
1:45pm 0
Hour total 5*

2:00pm 1
2:15pm 0

Report of Volume by Lane

Location: PINTO RD, W OF DOBSON Start Day : 12/15/92 End Day : 12/18/92
Weather : CLEAR Start Time: 09:51:00 End Time: 01:00:00
Study ID: 374 Interval : 15 min Intervals: 253
Serial #: 246 Operator: TRA Type: Volume.none.none

Interval Time EAST

Wed 12/16/1992

2:30pm	0
2:45pm	2
Hour total	3*
3:00pm	1
3:15pm	1
3:30pm	1
3:45pm	0
Hour total	3*
4:00pm	2
4:15pm	4
4:30pm	0
4:45pm	0
Hour total	6*
5:00pm	0
5:15pm	0
5:30pm	0
5:45pm	0
Hour total	0*
6:00pm	3
6:15pm	2
6:30pm	1
6:45pm	0
Hour total	6*
7:00pm	0
7:15pm	0
7:30pm	0
7:45pm	0
Hour total	0*
8:00pm	0
8:15pm	1
8:30pm	0
8:45pm	0
Hour total	1*
9:00pm	0
9:15pm	1
9:30pm	0

Report of Volume by Lane

Page: 6
Date: 12/18/1992

Location: PINTO RD, W OF DOBSON Start Day : 12/15/92 End Day : 12/18/92
Weather : CLEAR Start Time: 09:51:00 End Time: 01:00:00
Study ID: 374 Interval : 15 min Intervals: 253
Serial #: 246 Operator: TRA Type: Volume.none.none

Interval Time EAST

Wed 12/16/1992

9:45pm	0
Hour total	1*
10:00pm	1
10:15pm	0
10:30pm	0
10:45pm	0
Hour total	1*
11:00pm	0
11:15pm	0
11:30pm	0
11:45pm	0
Hour total	0*
Day total	69*
Percent	100.0%

Thu 12/17/1992

12:00am	0
12:15am	0
12:30am	0
12:45am	0
Hour total	0*
1:00am	0
1:15am	0
1:30am	0
1:45am	0
Hour total	0*
2:00am	1
2:15am	0
2:30am	0
2:45am	0
Hour total	1*
3:00am	0
3:15am	0
3:30am	0
3:45am	0
Hour total	0*

Report of Volume by Lane

Page: 7
Date: 12/18/1992

Location: PINTO RD, W OF DOBSON Start Day : 12/15/92 End Day : 12/18/92
Weather : CLEAR Start Time: 09:51:00 End Time: 01:00:00
Study ID: 374 Interval : 15 min Intervals: 253
Serial #: 246 Operator: TRA Type: Volume.none.none

Interval Time EAST

Thu 12/17/1992

4:00am	0
4:15am	0
4:30am	1
4:45am	0
Hour total	1*
5:00am	0
5:15am	0
5:30am	0
5:45am	1
Hour total	1*
6:00am	0
6:15am	0
6:30am	0
6:45am	1
Hour total	1*
7:00am	0
7:15am	5
7:30am	1
7:45am	0
Hour total	6*
8:00am	0
8:15am	0
8:30am	1
8:45am	1
Hour total	2*
9:00am	1
9:15am	1
9:30am	1
9:45am	5
Hour total	8*
10:00am	2
10:15am	2
10:30am	0
10:45am	0
Hour total	4*
11:00am	1

Report of Volume by Lane

Page: 8
Date: 12/18/1992

Location: PINTO RD, W OF DOBSON Start Day : 12/15/92 End Day : 12/18/92
Weather : CLEAR Start Time: 09:51:00 End Time: 01:00:00
Study ID: 374 Interval : 15 min Intervals: 253
Serial #: 246 Operator: TRA Type: Volume.none.none

Interval Time EAST

Thu 12/17/1992

11:15am	1
11:30am	0
11:45am	0
Hour total	2*

12:00pm	1
12:15pm	3
12:30pm	3
12:45pm	5
Hour total	12*

1:00pm	1
1:15pm	0
1:30pm	1
1:45pm	2
Hour total	4*

2:00pm	1
2:15pm	5
2:30pm	5
2:45pm	2
Hour total	13*

3:00pm	1
3:15pm	1
3:30pm	2
3:45pm	1
Hour total	5*

4:00pm	1
4:15pm	0
4:30pm	0
4:45pm	1
Hour total	2*

5:00pm	2
5:15pm	0
5:30pm	3
5:45pm	2
Hour total	7*

6:00pm	5
6:15pm	0

Report of Volume by Lane

Location: PINTO RD, W OF DOBSON Start Day : 12/15/92 End Day : 12/18/92
Weather : CLEAR Start Time: 09:51:00 End Time: 01:00:00
Study ID: 374 Interval : 15 min Intervals: 253
Serial #: 246 Operator: TRA Type: Volume.none.none

Interval Time EAST

Thu 12/17/1992

6:30pm	1
6:45pm	0
Hour total	6*

7:00pm	0
7:15pm	0
7:30pm	1
7:45pm	1
Hour total	2*

8:00pm	0
8:15pm	0
8:30pm	0
8:45pm	1
Hour total	1*

9:00pm	1
9:15pm	0
9:30pm	0
9:45pm	0
Hour total	1*

10:00pm	1
10:15pm	1
10:30pm	0
10:45pm	0
Hour total	2*

11:00pm	0
11:15pm	1
11:30pm	0
11:45pm	0
Hour total	1*

Day total 82*
Percent 100.0%

Fri 12/18/1992

12:00am	0
12:15am	0
12:30am	0
12:45am	0
Hour total	0*

Report of Volume by Lane

Page: 11
Date: 12/18/1992

Location: PINTO RD, W OF DOBSON Start Day : 12/15/92 End Day : 12/18/92
Weather : CLEAR Start Time: 09:51:00 End Time: 01:00:00
Study ID: 374 Interval : 15 min Intervals: 253
Serial #: 246 Operator: TRA Type: Volume.none.none

Interval Time EAST

Grand
Total 212*
Percent 100.0%

-----<Peak hour analysis>-----

Start Date	Start Time	Peak Count	Peak Factor
12/15/92 A.M.	Peak starts 10:15	12	0.43
12/15/92 P.M.	Peak starts 12:00	11	0.69
12/16/92 A.M.	Peak starts 09:30	12	0.60
12/16/92 P.M.	Peak starts 12:00	9	0.75
12/17/92 A.M.	Peak starts 09:30	10	0.50
12/17/92 P.M.	Peak starts 13:45	13	0.65
12/17/92 A.M.	Peak starts 23:15	1	0.25
23/112/149 P.M.	Peak starts 1780:13056	0	N.A.

-----<High hour usage times>-----

Time	Date	Hour	Date	Count
Highest hours from 09:51 to 01:00	12/15/92			
	12/18/92			
Highest		14:00	12/17/92	13
2nd Highest		11:00	12/15/92	12
3rd Highest		12:00	12/17/92	12

Report of Volume by Lane

Page: 1
Date: 12/18/1992

Location: PALOMINO RD, W OF DOBSON Start Day : 12/15/92 End Day : 12/18/92
Weather : CLEAR Start Time: 10:02:00 End Time: 01:00:00
Study ID: 375 Interval : 15 min Intervals: 252
Serial #: 112 Operator: TRA Type: Volume.none.none

Interval Time EAST

Tue 12/15/1992

10:15am	16
10:30am	12
10:45am	18
Hour total	46*

11:00am	9
11:15am	14
11:30am	8
11:45am	11
Hour total	42*

12:00pm	9
12:15pm	12
12:30pm	12
12:45pm	10
Hour total	43*

1:00pm	15
1:15pm	15
1:30pm	9
1:45pm	11
Hour total	50*

2:00pm	14
2:15pm	8
2:30pm	14
2:45pm	17
Hour total	53*

3:00pm	13
3:15pm	10
3:30pm	15
3:45pm	6
Hour total	44*

4:00pm	10
4:15pm	7
4:30pm	9
4:45pm	8
Hour total	34*

5:00pm	9
5:15pm	5

Report of Volume by Lane

Page: 2
Date: 12/18/1992

Location: PALOMINO RD, W OF DOBSON Start Day : 12/15/92 End Day : 12/18/92
Weather : CLEAR Start Time: 10:02:00 End Time: 01:00:00
Study ID: 375 Interval : 15 min Intervals: 252
Serial #: 112 Operator: TRA Type: Volume.none.none

Interval Time EAST

Tue 12/15/1992

5:30pm	4
5:45pm	8
Hour total	26*

6:00pm	3
6:15pm	6
6:30pm	3
6:45pm	9
Hour total	21*

7:00pm	2
7:15pm	0
7:30pm	3
7:45pm	0
Hour total	5*

8:00pm	6
8:15pm	3
8:30pm	2
8:45pm	0
Hour total	11*

9:00pm	4
9:15pm	2
9:30pm	3
9:45pm	3
Hour total	12*

10:00pm	2
10:15pm	3
10:30pm	2
10:45pm	0
Hour total	7*

11:00pm	1
11:15pm	0
11:30pm	1
11:45pm	0
Hour total	2*

Day total 396*
Percent 100.0%

Report of Volume by Lane

Location: PALOMINO RD, W OF DOBSON Start Day : 12/15/92 End Day : 12/18/92
Weather : CLEAR Start Time: 10:02:00 End Time: 01:00:00
Study ID: 375 Interval : 15 min Intervals: 252
Serial #: 112 Operator: TRA Type: Volume.none.none

Interval Time EAST

Wed 12/16/1992

12:00am	0
12:15am	0
12:30am	0
12:45am	0
Hour total	0*
1:00am	0
1:15am	1
1:30am	0
1:45am	0
Hour total	1*
2:00am	0
2:15am	0
2:30am	0
2:45am	0
Hour total	0*
3:00am	0
3:15am	0
3:30am	0
3:45am	2
Hour total	2*
4:00am	1
4:15am	0
4:30am	0
4:45am	1
Hour total	2*
5:00am	0
5:15am	2
5:30am	1
5:45am	0
Hour total	3*
6:00am	0
6:15am	1
6:30am	1
6:45am	4
Hour total	6*
7:00am	6

Report of Volume by Lane

Page: 4
Date: 12/18/1992

Location: PALOMINO RD, W OF DOBSON Start Day : 12/15/92 End Day : 12/18/92
Weather : CLEAR Start Time: 10:02:00 End Time: 01:00:00
Study ID: 375 Interval : 15 min Intervals: 252
Serial #: 112 Operator: TRA Type: Volume.none.none

Interval Time EAST

Wed 12/16/1992

7:15am	11
7:30am	7
7:45am	7
Hour total	31*

8:00am	3
8:15am	11
8:30am	7
8:45am	19
Hour total	40*

9:00am	17
9:15am	20
9:30am	15
9:45am	17
Hour total	69*

10:00am	19
10:15am	13
10:30am	13
10:45am	11
Hour total	56*

11:00am	10
11:15am	8
11:30am	14
11:45am	10
Hour total	42*

12:00pm	14
12:15pm	12
12:30pm	10
12:45pm	11
Hour total	47*

1:00pm	18
1:15pm	10
1:30pm	11
1:45pm	16
Hour total	55*

2:00pm	20
2:15pm	13

Report of Volume by Lane

Location: PALOMINO RD, W OF DOBSON Start Day : 12/15/92 End Day : 12/18/92
Weather : CLEAR Start Time: 10:02:00 End Time: 01:00:00
Study ID: 375 Interval : 15 min Intervals: 252
Serial #: 112 Operator: TRA Type: Volume.none.none

Interval Time EAST

Wed 12/16/1992

2:30pm	9
2:45pm	9
Hour total	51*

3:00pm	14
3:15pm	11
3:30pm	11
3:45pm	11
Hour total	47*

4:00pm	15
4:15pm	14
4:30pm	13
4:45pm	12
Hour total	54*

5:00pm	3
5:15pm	4
5:30pm	3
5:45pm	2
Hour total	12*

6:00pm	4
6:15pm	4
6:30pm	4
6:45pm	3
Hour total	15*

7:00pm	6
7:15pm	4
7:30pm	1
7:45pm	3
Hour total	14*

8:00pm	2
8:15pm	3
8:30pm	1
8:45pm	3
Hour total	9*

9:00pm	3
9:15pm	16
9:30pm	2

Report of Volume by Lane

Location: PALOMINO RD, W OF DOBSON Start Day : 12/15/92 End Day : 12/18/92
Weather : CLEAR Start Time: 10:02:00 End Time: 01:00:00
Study ID: 375 Interval : 15 min Intervals: 252
Serial #: 112 Operator: TRA Type: Volume.none.none

Interval Time EAST

Wed 12/16/1992

9:45pm	0
Hour total	21*

10:00pm	2
10:15pm	5
10:30pm	3
10:45pm	0
Hour total	10*

11:00pm	0
11:15pm	0
11:30pm	2
11:45pm	0
Hour total	2*

Day total 589*
Percent 100.0%

Thu 12/17/1992

12:00am	1
12:15am	0
12:30am	0
12:45am	0
Hour total	1*

1:00am	0
1:15am	0
1:30am	0
1:45am	0
Hour total	0*

2:00am	1
2:15am	1
2:30am	0
2:45am	0
Hour total	2*

3:00am	0
3:15am	0
3:30am	0
3:45am	0
Hour total	0*

Report of Volume by Lane

Page: 7
Date: 12/18/1992

Location: PALOMINO RD, W OF DOBSON Start Day : 12/15/92 End Day : 12/18/92
Weather : CLEAR Start Time: 10:02:00 End Time: 01:00:00
Study ID: 375 Interval : 15 min Intervals: 252
Serial #: 112 Operator: TRA Type: Volume.none.none

Interval Time EAST

Thu 12/17/1992

4:00am	0
4:15am	0
4:30am	1
4:45am	0
Hour total	1*
5:00am	0
5:15am	1
5:30am	2
5:45am	0
Hour total	3*
6:00am	2
6:15am	1
6:30am	1
6:45am	1
Hour total	5*
7:00am	5
7:15am	8
7:30am	3
7:45am	7
Hour total	23*
8:00am	4
8:15am	9
8:30am	15
8:45am	14
Hour total	42*
9:00am	20
9:15am	13
9:30am	5
9:45am	9
Hour total	47*
10:00am	15
10:15am	11
10:30am	18
10:45am	10
Hour total	54*
11:00am	5

Report of Volume by Lane

Page: 8
Date: 12/18/1992

Location: PALOMINO RD, W OF DOBSON Start Day : 12/15/92 End Day : 12/18/92
Weather : CLEAR Start Time: 10:02:00 End Time: 01:00:00
Study ID: 375 Interval : 15 min Intervals: 252
Serial #: 112 Operator: TRA Type: Volume.none.none

Interval Time EAST

Thu 12/17/1992

11:15am	13
11:30am	17
11:45am	5
Hour total	40*

12:00pm	11
12:15pm	10
12:30pm	12
12:45pm	6
Hour total	39*

1:00pm	15
1:15pm	11
1:30pm	9
1:45pm	11
Hour total	46*

2:00pm	14
2:15pm	11
2:30pm	11
2:45pm	12
Hour total	48*

3:00pm	12
3:15pm	8
3:30pm	16
3:45pm	14
Hour total	50*

4:00pm	14
4:15pm	10
4:30pm	6
4:45pm	8
Hour total	38*

5:00pm	7
5:15pm	1
5:30pm	3
5:45pm	6
Hour total	17*

6:00pm	6
6:15pm	7

Report of Volume by Lane

Location: PALOMINO RD, W OF DOBSON Start Day : 12/15/92 End Day : 12/18/92
Weather : CLEAR Start Time: 10:02:00 End Time: 01:00:00
Study ID: 375 Interval : 15 min Intervals: 252
Serial #: 112 Operator: TRA Type: Volume.none.none

Interval Time EAST

Thu 12/17/1992

6:30pm	7
6:45pm	1
Hour total	21*

7:00pm	5
7:15pm	9
7:30pm	1
7:45pm	0
Hour total	15*

8:00pm	3
8:15pm	5
8:30pm	7
8:45pm	2
Hour total	17*

9:00pm	3
9:15pm	3
9:30pm	3
9:45pm	0
Hour total	9*

10:00pm	2
10:15pm	0
10:30pm	0
10:45pm	3
Hour total	5*

11:00pm	0
11:15pm	1
11:30pm	0
11:45pm	0
Hour total	1*

Day total 524*
Percent 100.0%

Fri 12/18/1992

12:00am	0
12:15am	0
12:30am	1
12:45am	0
Hour total	1*

Report of Volume by Lane

Page: 11
Date: 12/18/1992

Location: PALOMINO RD, W OF DOBSON Start Day : 12/15/92 End Day : 12/18/92
Weather : CLEAR Start Time: 10:02:00 End Time: 01:00:00
Study ID: 375 Interval : 15 min Intervals: 252
Serial #: 112 Operator: TRA Type: Volume.none.none

Interval Time EAST

Grand
Total 1510*
Percent 100.0%

-----<Peak hour analysis>-----

Start Date	Start Time	Peak Count	Peak Factor	
23/112/49 A.M.	Peak starts 1780:13056	0	N.A.	
12/15/92 P.M.	Peak starts 14:45	55	0.81	
12/16/92 A.M.	Peak starts 08:45	71	0.89	
12/16/92 P.M.	Peak starts 13:30	60	0.75	
12/17/92 A.M.	Peak starts 08:30	62	0.78	
12/17/92 P.M.	Peak starts 15:30	54	0.84	
12/17/92 A.M.	Peak starts 23:15	1	0.25	
23/112/49 P.M.	Peak starts 1780:13056	0	N.A.	

-----<High hour usage times>-----

Time	Date	Hour	Date	Count
Highest hours from 10:02 to 01:00	12/15/92			
	12/18/92	Highest	09:00	12/16/92
		2nd Highest	10:00	12/16/92
		3rd Highest	13:00	12/16/92

Report of Volume by Lane

Page: 1
Date: 12/18/1992

Location: MICHIGAN RD, W OF DOBSON Start Day : 12/15/92 End Day : 12/18/92
Weather : CLEAR Start Time: 10:08:00 End Time: 01:00:00
Study ID: 376 Interval : 15 min Intervals: 252
Serial #: 124 Operator: TRA Type: Volume.none.none

Interval Time EAST

Tue 12/15/1992

10:15am	8
10:30am	3
10:45am	4
Hour total	15*

11:00am	5
11:15am	3
11:30am	8
11:45am	4
Hour total	20*

12:00pm	3
12:15pm	9
12:30pm	5
12:45pm	4
Hour total	21*

1:00pm	4
1:15pm	7
1:30pm	4
1:45pm	7
Hour total	22*

2:00pm	2
2:15pm	5
2:30pm	7
2:45pm	4
Hour total	18*

3:00pm	8
3:15pm	6
3:30pm	6
3:45pm	5
Hour total	25*

4:00pm	5
4:15pm	3
4:30pm	6
4:45pm	3
Hour total	17*

5:00pm	0
5:15pm	4

Report of Volume by Lane

Page: 2
Date: 12/18/1992

Location: MICHIGAN RD, W OF DOBSON Start Day : 12/15/92 End Day : 12/18/92
Weather : CLEAR Start Time: 10:08:00 End Time: 01:00:00
Study ID: 376 Interval : 15 min Intervals: 252
Serial #: 124 Operator: TRA Type: Volume.none.none

Interval Time EAST

Tue 12/15/1992

5:30pm	4
5:45pm	2
Hour total	10*
6:00pm	2
6:15pm	0
6:30pm	2
6:45pm	2
Hour total	6*
7:00pm	0
7:15pm	0
7:30pm	1
7:45pm	0
Hour total	1*
8:00pm	2
8:15pm	0
8:30pm	0
8:45pm	0
Hour total	2*
9:00pm	1
9:15pm	0
9:30pm	1
9:45pm	0
Hour total	2*
10:00pm	0
10:15pm	1
10:30pm	0
10:45pm	0
Hour total	1*
11:00pm	0
11:15pm	0
11:30pm	0
11:45pm	0
Hour total	0*
Day total	160*
Percent	100.0%

Report of Volume by Lane

Page: 3
Date: 12/18/1992

Location: MICHIGAN RD, W OF DOBSON Start Day : 12/15/92 End Day : 12/18/92
Weather : CLEAR Start Time: 10:08:00 End Time: 01:00:00
Study ID: 376 Interval : 15 min Intervals: 252
Serial #: 124 Operator: TRA Type: Volume.none.none

Interval Time EAST

Wed 12/16/1992

12:00am	0
12:15am	0
12:30am	0
12:45am	0
Hour total	0*
1:00am	0
1:15am	0
1:30am	1
1:45am	0
Hour total	1*
2:00am	0
2:15am	0
2:30am	0
2:45am	0
Hour total	0*
3:00am	1
3:15am	0
3:30am	0
3:45am	0
Hour total	1*
4:00am	0
4:15am	0
4:30am	0
4:45am	0
Hour total	0*
5:00am	0
5:15am	0
5:30am	1
5:45am	0
Hour total	1*
6:00am	0
6:15am	0
6:30am	1
6:45am	0
Hour total	1*
7:00am	5

Report of Volume by Lane

Page: 4
Date: 12/18/1992

Location: MICHIGAN RD, W OF DOBSON Start Day : 12/15/92 End Day : 12/18/92
Weather : CLEAR Start Time: 10:08:00 End Time: 01:00:00
Study ID: 376 Interval : 15 min Intervals: 252
Serial #: 124 Operator: TRA Type: Volume.none.none

Interval Time EAST

Wed 12/16/1992

7:15am	5
7:30am	2
7:45am	5
Hour total	17*

8:00am	4
8:15am	2
8:30am	5
8:45am	0
Hour total	11*

9:00am	2
9:15am	7
9:30am	10
9:45am	5
Hour total	24*

10:00am	3
10:15am	7
10:30am	8
10:45am	6
Hour total	24*

11:00am	5
11:15am	6
11:30am	5
11:45am	6
Hour total	22*

12:00pm	5
12:15pm	3
12:30pm	9
12:45pm	2
Hour total	19*

1:00pm	9
1:15pm	5
1:30pm	7
1:45pm	4
Hour total	25*

2:00pm	9
2:15pm	6

Report of Volume by Lane

Page: 5
Date: 12/18/1992

Location: MICHIGAN RD, W OF DOBSON Start Day : 12/15/92 End Day : 12/18/92
Weather : CLEAR Start Time: 10:08:00 End Time: 01:00:00
Study ID: 376 Interval : 15 min Intervals: 252
Serial #: 124 Operator: TRA Type: Volume.none.none

Interval Time EAST

Wed 12/16/1992

2:30pm	5
2:45pm	4
Hour total	24*

3:00pm	4
3:15pm	5
3:30pm	1
3:45pm	7
Hour total	17*

4:00pm	6
4:15pm	6
4:30pm	3
4:45pm	3
Hour total	18*

5:00pm	3
5:15pm	4
5:30pm	3
5:45pm	4
Hour total	14*

6:00pm	2
6:15pm	0
6:30pm	2
6:45pm	2
Hour total	6*

7:00pm	5
7:15pm	0
7:30pm	0
7:45pm	0
Hour total	5*

8:00pm	0
8:15pm	0
8:30pm	1
8:45pm	0
Hour total	1*

9:00pm	0
9:15pm	0
9:30pm	1

Report of Volume by Lane

Page: 6
Date: 12/18/1992

Location: MICHIGAN RD, W OF DOBSON Start Day : 12/15/92 End Day : 12/18/92
Weather : CLEAR Start Time: 10:08:00 End Time: 01:00:00
Study ID: 376 Interval : 15 min Intervals: 252
Serial #: 124 Operator: TRA Type: Volume.none.none

Interval Time EAST

Wed 12/16/1992

9:45pm	2
Hour total	3*
10:00pm	0
10:15pm	1
10:30pm	0
10:45pm	0
Hour total	1*
11:00pm	0
11:15pm	0
11:30pm	0
11:45pm	0
Hour total	0*

Day total 235*
Percent 100.0%

Thu 12/17/1992

12:00am	0
12:15am	0
12:30am	0
12:45am	0
Hour total	0*
1:00am	0
1:15am	0
1:30am	0
1:45am	0
Hour total	0*
2:00am	0
2:15am	0
2:30am	0
2:45am	0
Hour total	0*
3:00am	0
3:15am	0
3:30am	0
3:45am	0
Hour total	0*

Report of Volume by Lane

Location: MICHIGAN RD, W OF DOBSON Start Day : 12/15/92 End Day : 12/18/92
Weather : CLEAR Start Time: 10:08:00 End Time: 01:00:00
Study ID: 376 Interval : 15 min Intervals: 252
Serial #: 124 Operator: TRA Type: Volume.none.none

Interval Time EAST

Thu 12/17/1992

4:00am	0
4:15am	1
4:30am	0
4:45am	0
Hour total	1*
5:00am	1
5:15am	0
5:30am	1
5:45am	0
Hour total	2*
6:00am	0
6:15am	1
6:30am	1
6:45am	1
Hour total	3*
7:00am	7
7:15am	5
7:30am	0
7:45am	1
Hour total	13*
8:00am	6
8:15am	2
8:30am	2
8:45am	5
Hour total	15*
9:00am	6
9:15am	6
9:30am	4
9:45am	4
Hour total	20*
10:00am	2
10:15am	2
10:30am	10
10:45am	9
Hour total	23*
11:00am	9

Report of Volume by Lane

Location: MICHIGAN RD, W OF DOBSON Start Day : 12/15/92 End Day : 12/18/92
Weather : CLEAR Start Time: 10:08:00 End Time: 01:00:00
Study ID: 376 Interval : 15 min Intervals: 252
Serial #: 124 Operator: TRA Type: Volume.none.none

Interval Time EAST

Thu 12/17/1992
11:15am 4
11:30am 7
11:45am 7
Hour total 27*

12:00pm 3
12:15pm 2
12:30pm 1
12:45pm 2
Hour total 8*

1:00pm 3
1:15pm 2
1:30pm 6
1:45pm 4
Hour total 15*

2:00pm 6
2:15pm 10
2:30pm 5
2:45pm 4
Hour total 25*

3:00pm 13
3:15pm 4
3:30pm 6
3:45pm 3
Hour total 26*

4:00pm 4
4:15pm 4
4:30pm 0
4:45pm 1
Hour total 9*

5:00pm 2
5:15pm 1
5:30pm 3
5:45pm 0
Hour total 6*

6:00pm 4
6:15pm 2

Report of Volume by Lane

Page: 9
Date: 12/18/1992

Location: MICHIGAN RD, W OF DOBSON Start Day : 12/15/92 End Day : 12/18/92
Other : CLEAR Start Time: 10:08:00 End Time: 01:00:00
Study ID: 376 Interval : 15 min Intervals: 252
Serial #: 124 Operator: TRA Type: Volume.none.none

Interval Time EAST

Thu 12/17/1992

6:30pm	3
6:45pm	4
Hour total	13*

7:00pm	1
7:15pm	0
7:30pm	0
7:45pm	1
Hour total	2*

8:00pm	1
8:15pm	1
8:30pm	0
8:45pm	1
Hour total	3*

9:00pm	1
9:15pm	0
9:30pm	0
9:45pm	0
Hour total	1*

10:00pm	0
10:15pm	0
10:30pm	1
10:45pm	0
Hour total	1*

11:00pm	0
11:15pm	0
11:30pm	0
11:45pm	0
Hour total	0*

Day total 213*
Percent 100.0%

Fri 12/18/1992

12:00am	0
12:15am	0
12:30am	0
12:45am	0
Hour total	0*

Report of Volume by Lane

Page: 11
Date: 12/18/1992

Location: MICHIGAN RD, W OF DOBSON Start Day : 12/15/92 End Day : 12/18/92
Weather : CLEAR Start Time: 10:08:00 End Time: 01:00:00
Study ID: 376 Interval : 15 min Intervals: 252
Serial #: 124 Operator: TRA Type: Volume.none.none

Interval Time EAST

Grand
Total 608*
Percent 100.0%

-----<Peak hour analysis>-----

Start Date	Start Time	Peak Count	Peak Factor
23/112/49 A.M.	Peak starts 1780:13056	0	N.A.
12/15/92 P.M.	Peak starts 14:30	25	0.78
12/16/92 A.M.	Peak starts 10:15	26	0.81
12/16/92 P.M.	Peak starts 13:30	26	0.72
12/17/92 A.M.	Peak starts 10:30	32	0.80
12/17/92 P.M.	Peak starts 14:15	32	0.62
23/112/49 A.M.	Peak starts 1780:13056	0	N.A.
23/112/49 P.M.	Peak starts 1780:13056	0	N.A.

-----<High hour usage times>-----

Time	Date	Hour	Date	Count
Highest hours from 10:08 12/15/92 to 01:00 12/18/92				
Highest		11:00	12/17/92	27
2nd Highest		15:00	12/17/92	26
3rd Highest		15:00	12/15/92	25

Report of Volume by Lane

Page: 1
Date: 12/18/1992

Location: PIMA PL, S OF RIGGS Start Day : 12/15/92 End Day : 12/18/92
Other : CLEAR Start Time: 10:15:00 End Time: 01:00:00
Study ID: 377 Interval : 15 min Intervals: 251
Serial #: 146 Operator: TRA Type: Volume.none.none

Interval Time NORTH

Tue 12/15/1992

10:15am	3
10:30am	2
10:45am	2
Hour total	7*

11:00am	4
11:15am	0
11:30am	1
11:45am	0
Hour total	5*

12:00pm	2
12:15pm	0
12:30pm	0
12:45pm	2
Hour total	4*

1:00pm	6
1:15pm	3
1:30pm	1
1:45pm	1
Hour total	11*

2:00pm	2
2:15pm	2
2:30pm	3
2:45pm	0
Hour total	7*

3:00pm	3
3:15pm	1
3:30pm	1
3:45pm	2
Hour total	7*

4:00pm	1
4:15pm	0
4:30pm	2
4:45pm	1
Hour total	4*

5:00pm	2
5:15pm	1

Report of Volume by Lane

Page: 2
Date: 12/18/1992

Location: PIMA PL, S OF RIGGS Start Day : 12/15/92 End Day : 12/18/92
Weather : CLEAR Start Time: 10:15:00 End Time: 01:00:00
Study ID: 377 Interval : 15 min Intervals: 251
Serial #: 146 Operator: TRA Type: Volume.none.none

Interval Time NORTH

Tue 12/15/1992

5:30pm	1
5:45pm	0
Hour total	4*
6:00pm	1
6:15pm	0
6:30pm	0
6:45pm	3
Hour total	4*
7:00pm	0
7:15pm	0
7:30pm	0
7:45pm	0
Hour total	0*
8:00pm	0
8:15pm	0
8:30pm	0
8:45pm	0
Hour total	0*
9:00pm	0
9:15pm	2
9:30pm	0
9:45pm	0
Hour total	2*
10:00pm	0
10:15pm	0
10:30pm	0
10:45pm	0
Hour total	0*
11:00pm	0
11:15pm	0
11:30pm	0
11:45pm	0
Hour total	0*
Day total	55*
Percent	100.0%

Report of Volume by Lane

Page: 3
Date: 12/18/1992

Location: PIMA PL, S OF RIGGS Start Day : 12/15/92 End Day : 12/18/92
Weather : CLEAR Start Time: 10:15:00 End Time: 01:00:00
Study ID: 377 Interval : 15 min Intervals: 251
Serial #: 146 Operator: TRA Type: Volume.none.none

Interval Time NORTH

Wed 12/16/1992

12:00am	0
12:15am	0
12:30am	0
12:45am	0
Hour total	0*
1:00am	0
1:15am	0
1:30am	1
1:45am	0
Hour total	1*
2:00am	0
2:15am	0
2:30am	0
2:45am	0
Hour total	0*
3:00am	0
3:15am	0
3:30am	0
3:45am	0
Hour total	0*
4:00am	0
4:15am	0
4:30am	0
4:45am	1
Hour total	1*
5:00am	0
5:15am	1
5:30am	0
5:45am	0
Hour total	1*
6:00am	2
6:15am	2
6:30am	0
6:45am	0
Hour total	4*
7:00am	1

Report of Volume by Lane

Location: PIMA PL, S OF RIGGS Start Day : 12/15/92 End Day : 12/18/92
Weather : CLEAR Start Time: 10:15:00 End Time: 01:00:00
Study ID: 377 Interval : 15 min Intervals: 251
Serial #: 146 Operator: TRA Type: Volume.none.none

Interval Time NORTH

Wed 12/16/1992

7:15am	0
7:30am	0
7:45am	0
Hour total	1*

8:00am	0
8:15am	1
8:30am	0
8:45am	4
Hour total	5*

9:00am	2
9:15am	3
9:30am	1
9:45am	0
Hour total	6*

10:00am	1
10:15am	1
10:30am	1
10:45am	0
Hour total	3*

11:00am	4
11:15am	0
11:30am	1
11:45am	3
Hour total	8*

12:00pm	2
12:15pm	0
12:30pm	0
12:45pm	2
Hour total	4*

1:00pm	1
1:15pm	2
1:30pm	1
1:45pm	0
Hour total	4*

2:00pm	3
2:15pm	2

Report of Volume by Lane

Page: 5
Date: 12/18/1992

Location: PIMA PL, S OF RIGGS Start Day : 12/15/92 End Day : 12/18/92
Weather : CLEAR Start Time: 10:15:00 End Time: 01:00:00
Study ID: 377 Interval : 15 min Intervals: 251
Serial #: 146 Operator: TRA Type: Volume.none.none

Interval Time NORTH

Wed 12/16/1992

2:30pm	1
2:45pm	2
Hour total	8*

3:00pm	1
3:15pm	2
3:30pm	1
3:45pm	2
Hour total	6*

4:00pm	0
4:15pm	0
4:30pm	0
4:45pm	0
Hour total	0*

5:00pm	1
5:15pm	0
5:30pm	1
5:45pm	0
Hour total	2*

6:00pm	1
6:15pm	2
6:30pm	1
6:45pm	2
Hour total	6*

7:00pm	1
7:15pm	2
7:30pm	0
7:45pm	0
Hour total	3*

8:00pm	0
8:15pm	0
8:30pm	0
8:45pm	0
Hour total	0*

9:00pm	0
9:15pm	0
9:30pm	0

Report of Volume by Lane

Page: 6
Date: 12/18/1992

Location: PIMA PL, S OF RIGGS Start Day : 12/15/92 End Day : 12/18/92
Weather : CLEAR Start Time: 10:15:00 End Time: 01:00:00
Study ID: 377 Interval : 15 min Intervals: 251
Serial #: 146 Operator: TRA Type: Volume.none.none

Interval Time NORTH

Wed 12/16/1992

9:45pm	0
Hour total	0*
10:00pm	3
10:15pm	0
10:30pm	0
10:45pm	0
Hour total	3*
11:00pm	0
11:15pm	0
11:30pm	0
11:45pm	0
Hour total	0*
Day total	66*
Percent	100.0%

Thu 12/17/1992

12:00am	0
12:15am	0
12:30am	0
12:45am	0
Hour total	0*
1:00am	0
1:15am	0
1:30am	0
1:45am	0
Hour total	0*
2:00am	0
2:15am	0
2:30am	0
2:45am	0
Hour total	0*
3:00am	0
3:15am	0
3:30am	0
3:45am	0
Hour total	0*

Report of Volume by Lane

Page: 7
Date: 12/18/1992

Location: PIMA PL, S OF RIGGS Start Day : 12/15/92 End Day : 12/18/92
Weather : CLEAR Start Time: 10:15:00 End Time: 01:00:00
Study ID: 377 Interval : 15 min Intervals: 251
Serial #: 146 Operator: TRA Type: Volume.none.none

Interval Time NORTH

Thu 12/17/1992

4:00am	0
4:15am	0
4:30am	0
4:45am	1
Hour total	1*
5:00am	0
5:15am	2
5:30am	0
5:45am	0
Hour total	2*
6:00am	1
6:15am	0
6:30am	0
6:45am	0
Hour total	1*
7:00am	1
7:15am	0
7:30am	1
7:45am	0
Hour total	2*
8:00am	1
8:15am	3
8:30am	1
8:45am	0
Hour total	5*
9:00am	2
9:15am	1
9:30am	1
9:45am	0
Hour total	4*
10:00am	1
10:15am	0
10:30am	0
10:45am	0
Hour total	1*
11:00am	3

Report of Volume by Lane

Location: PIMA PL, S OF RIGGS Start Day : 12/15/92 End Day : 12/18/92
Weather : CLEAR Start Time: 10:15:00 End Time: 01:00:00
Study ID: 377 Interval : 15 min Intervals: 251
Serial #: 146 Operator: TRA Type: Volume.none.none

Interval Time NORTH

Thu 12/17/1992

11:15am	1
11:30am	2
11:45am	6
Hour total	12*

12:00pm	0
12:15pm	2
12:30pm	1
12:45pm	0
Hour total	3*

1:00pm	0
1:15pm	1
1:30pm	4
1:45pm	0
Hour total	5*

2:00pm	3
2:15pm	3
2:30pm	3
2:45pm	1
Hour total	10*

3:00pm	2
3:15pm	0
3:30pm	1
3:45pm	2
Hour total	5*

4:00pm	0
4:15pm	0
4:30pm	2
4:45pm	2
Hour total	4*

5:00pm	0
5:15pm	0
5:30pm	0
5:45pm	0
Hour total	0*

6:00pm	0
6:15pm	0

Report of Volume by Lane

Page: 9
Date: 12/18/1992

Location: PIMA PL, S OF RIGGS Start Day : 12/15/92 End Day : 12/18/92
Weather : CLEAR Start Time: 10:15:00 End Time: 01:00:00
Study ID: 377 Interval : 15 min Intervals: 251
Serial #: 146 Operator: TRA Type: Volume.none.none

Interval Time NORTH

Thu 12/17/1992

6:30pm	0
6:45pm	1
Hour total	1*
7:00pm	0
7:15pm	0
7:30pm	0
7:45pm	0
Hour total	0*
8:00pm	0
8:15pm	0
8:30pm	0
8:45pm	0
Hour total	0*
9:00pm	0
9:15pm	0
9:30pm	0
9:45pm	0
Hour total	0*
10:00pm	0
10:15pm	0
10:30pm	0
10:45pm	0
Hour total	0*
11:00pm	0
11:15pm	0
11:30pm	0
11:45pm	0
Hour total	0*
Day total	56*
Percent	100.0%

Fri 12/18/1992

12:00am	0
12:15am	0
12:30am	0
12:45am	0
Hour total	0*

Report of Volume by Lane

Page: 11
Date: 12/18/1992

Location: PIMA PL, S OF RIGGS Start Day : 12/15/92 End Day : 12/18/92
Weather : CLEAR Start Time: 10:15:00 End Time: 01:00:00
Study ID: 377 Interval : 15 min Intervals: 251
Serial #: 146 Operator: TRA Type: Volume.none.none

Interval Time NORTH

Grand
Total 177*
Percent 100.0%

-----<Peak hour analysis>-----

Start Date	Start Time	Peak Count	Peak Factor	
23/112/49 A.M.	Peak starts 1780:13056	0	N.A.	
12/15/92 P.M.	Peak starts 12:45	12	0.50	
12/16/92 A.M.	Peak starts 08:45	10	0.63	
12/16/92 P.M.	Peak starts 14:00	8	0.67	
12/17/92 A.M.	Peak starts 11:00	12	0.50	
12/17/92 P.M.	Peak starts 11:30	10	0.42	
23/112/49 A.M.	Peak starts 1780:13056	0	N.A.	
23/112/49 P.M.	Peak starts 1780:13056	0	N.A.	

-----<High hour usage times>-----

Time	Date	Hour	Date	Count
Highest hours from 10:15	12/15/92			
to 01:00	12/18/92			
Highest		11:00	12/17/92	12
2nd Highest		13:00	12/15/92	11
3rd Highest		14:00	12/17/92	10

Report of Volume by Lane

Page: 1
Date: 12/18/1992

Location: SUN LAKES BLVD, S OF RIGGS Start Day : 12/15/92 End Day : 12/18/92
Weather : CLEAR Start Time: 10:25:00 End Time: 01:00:00
Study ID: 378 Interval : 15 min Intervals: 251
Serial #: 130 Operator: TRA Type: Volume.none.none

Interval Time NORTH

Tue 12/15/1992

10:30am	39
10:45am	50
Hour total	89*

11:00am	47
11:15am	63
11:30am	72
11:45am	50
Hour total	232*

12:00pm	44
12:15pm	47
12:30pm	56
12:45pm	60
Hour total	207*

1:00pm	58
1:15pm	55
1:30pm	53
1:45pm	47
Hour total	213*

2:00pm	61
2:15pm	52
2:30pm	49
2:45pm	48
Hour total	210*

3:00pm	33
3:15pm	47
3:30pm	49
3:45pm	50
Hour total	179*

4:00pm	42
4:15pm	34
4:30pm	37
4:45pm	34
Hour total	147*

5:00pm	35
5:15pm	16
5:30pm	27

Report of Volume by Lane

Page: 2
Date: 12/18/1992

Location: SUN LAKES BLVD, S OF RIGGS Start Day : 12/15/92 End Day : 12/18/92
Weather : CLEAR Start Time: 10:25:00 End Time: 01:00:00
Study ID: 378 Interval : 15 min Intervals: 251
Serial #: 130 Operator: TRA Type: Volume.none.none

Interval Time NORTH

Tue 12/15/1992

5:45pm	22
Hour total	100*
6:00pm	24
6:15pm	24
6:30pm	14
6:45pm	17
Hour total	79*
7:00pm	19
7:15pm	6
7:30pm	8
7:45pm	8
Hour total	41*
8:00pm	8
8:15pm	9
8:30pm	5
8:45pm	3
Hour total	25*
9:00pm	6
9:15pm	11
9:30pm	3
9:45pm	7
Hour total	27*
10:00pm	11
10:15pm	7
10:30pm	4
10:45pm	2
Hour total	24*
11:00pm	0
11:15pm	2
11:30pm	0
11:45pm	0
Hour total	2*
Day total	1575*
Percent	100.0%

Report of Volume by Lane

Page: 3
Date: 12/18/1992

Location: SUN LAKES BLVD, S OF RIGGS Start Day : 12/15/92 End Day : 12/18/92
Weather : CLEAR Start Time: 10:25:00 End Time: 01:00:00
Study ID: 378 Interval : 15 min Intervals: 251
Serial #: 130 Operator: TRA Type: Volume.none.none

Interval Time NORTH

Wed 12/16/1992

12:00am	1
12:15am	0
12:30am	0
12:45am	1
Hour total	2*
1:00am	1
1:15am	0
1:30am	2
1:45am	1
Hour total	4*
2:00am	2
2:15am	1
2:30am	1
2:45am	0
Hour total	4*
3:00am	0
3:15am	0
3:30am	0
3:45am	1
Hour total	1*
4:00am	1
4:15am	1
4:30am	3
4:45am	0
Hour total	5*
5:00am	6
5:15am	6
5:30am	9
5:45am	14
Hour total	35*
6:00am	16
6:15am	13
6:30am	25
6:45am	18
Hour total	72*
7:00am	34

Report of Volume by Lane

Page: 4
Date: 12/18/1992

Location: SUN LAKES BLVD, S OF RIGGS Start Day : 12/15/92 End Day : 12/18/92
Weather : CLEAR Start Time: 10:25:00 End Time: 01:00:00
Study ID: 378 Interval : 15 min Intervals: 251
Serial #: 130 Operator: TRA Type: Volume.none.none

Interval Time NORTH

Wed 12/16/1992

7:15am	23
7:30am	28
7:45am	38
Hour total	123*
8:00am	38
8:15am	44
8:30am	40
8:45am	51
Hour total	173*
9:00am	62
9:15am	72
9:30am	65
9:45am	52
Hour total	251*
10:00am	51
10:15am	44
10:30am	47
10:45am	54
Hour total	196*
11:00am	35
11:15am	54
11:30am	52
11:45am	58
Hour total	199*
12:00pm	53
12:15pm	43
12:30pm	38
12:45pm	41
Hour total	175*
1:00pm	52
1:15pm	41
1:30pm	59
1:45pm	45
Hour total	197*
2:00pm	52
2:15pm	61

Report of Volume by Lane

Page: 5
Date: 12/18/1992

Location: SUN LAKES BLVD, S OF RIGGS Start Day : 12/15/92 End Day : 12/18/92
Weather : CLEAR Start Time: 10:25:00 End Time: 01:00:00
Study ID: 378 Interval : 15 min Intervals: 251
Serial #: 130 Operator: TRA Type: Volume.none.none

Interval Time NORTH

Wed 12/16/1992

2:30pm	50
2:45pm	42
Hour total	205*

3:00pm	46
3:15pm	44
3:30pm	39
3:45pm	47
Hour total	176*

4:00pm	49
4:15pm	30
4:30pm	33
4:45pm	20
Hour total	132*

5:00pm	36
5:15pm	24
5:30pm	22
5:45pm	21
Hour total	103*

6:00pm	29
6:15pm	11
6:30pm	22
6:45pm	24
Hour total	86*

7:00pm	13
7:15pm	11
7:30pm	11
7:45pm	8
Hour total	43*

8:00pm	11
8:15pm	3
8:30pm	3
8:45pm	7
Hour total	24*

9:00pm	5
9:15pm	25
9:30pm	7

Report of Volume by Lane

Page: 6
Date: 12/18/1992

Location: SUN LAKES BLVD, S OF RIGGS Start Day : 12/15/92 End Day : 12/18/92
Weather : CLEAR Start Time: 10:25:00 End Time: 01:00:00
Study ID: 378 Interval : 15 min Intervals: 251
Serial #: 130 Operator: TRA Type: Volume.none.none

Interval Time NORTH

Wed 12/16/1992

9:45pm	2
Hour total	39*

10:00pm	5
10:15pm	11
10:30pm	1
10:45pm	1
Hour total	18*

11:00pm	1
11:15pm	3
11:30pm	0
11:45pm	1
Hour total	5*

Day total 2268*
Percent 100.0%

Thu 12/17/1992

12:00am	0
12:15am	3
12:30am	0
12:45am	1
Hour total	4*

1:00am	0
1:15am	2
1:30am	2
1:45am	0
Hour total	4*

2:00am	0
2:15am	2
2:30am	1
2:45am	0
Hour total	3*

3:00am	0
3:15am	1
3:30am	1
3:45am	1
Hour total	3*

Report of Volume by Lane

Page: 7
Date: 12/18/1992

Location: SUN LAKES BLVD, S OF RIGGS Start Day : 12/15/92 End Day : 12/18/92
Weather : CLEAR Start Time: 10:25:00 End Time: 01:00:00
Study ID: 378 Interval : 15 min Intervals: 251
Serial #: 130 Operator: TRA Type: Volume.none.none

Interval Time NORTH

Thu 12/17/1992

4:00am	0
4:15am	0
4:30am	1
4:45am	5
Hour total	6*
5:00am	6
5:15am	6
5:30am	9
5:45am	12
Hour total	33*
6:00am	19
6:15am	16
6:30am	24
6:45am	15
Hour total	74*
7:00am	26
7:15am	23
7:30am	28
7:45am	33
Hour total	110*
8:00am	25
8:15am	28
8:30am	30
8:45am	31
Hour total	114*
9:00am	46
9:15am	52
9:30am	63
9:45am	62
Hour total	223*
10:00am	59
10:15am	49
10:30am	49
10:45am	52
Hour total	209*
11:00am	66

Report of Volume by Lane

Page: 8
Date: 12/18/1992

Location: SUN LAKES BLVD, S OF RIGGS Start Day : 12/15/92 End Day : 12/18/92
Weather : CLEAR Start Time: 10:25:00 End Time: 01:00:00
Study ID: 378 Interval : 15 min Intervals: 251
Serial #: 130 Operator: TRA Type: Volume.none.none

Interval Time NORTH

Thu 12/17/1992

11:15am	56
11:30am	51
11:45am	41
Hour total	214*

12:00pm	56
12:15pm	58
12:30pm	39
12:45pm	44
Hour total	197*

1:00pm	60
1:15pm	42
1:30pm	45
1:45pm	28
Hour total	175*

2:00pm	60
2:15pm	47
2:30pm	52
2:45pm	42
Hour total	201*

3:00pm	57
3:15pm	35
3:30pm	30
3:45pm	28
Hour total	150*

4:00pm	25
4:15pm	33
4:30pm	40
4:45pm	32
Hour total	130*

5:00pm	43
5:15pm	18
5:30pm	22
5:45pm	18
Hour total	101*

6:00pm	21
6:15pm	12

Report of Volume by Lane

Page: 9
Date: 12/18/1992

Location: SUN LAKES BLVD, S OF RIGGS Start Day : 12/15/92 End Day : 12/18/92
Weather : CLEAR Start Time: 10:25:00 End Time: 01:00:00
Study ID: 378 Interval : 15 min Intervals: 251
Serial #: 130 Operator: TRA Type: Volume.none.none

Interval Time NORTH

Thu 12/17/1992

6:30pm	16
6:45pm	9
Hour total	58*

7:00pm	12
7:15pm	7
7:30pm	12
7:45pm	6
Hour total	37*

8:00pm	8
8:15pm	8
8:30pm	9
8:45pm	9
Hour total	34*

9:00pm	8
9:15pm	6
9:30pm	3
9:45pm	5
Hour total	22*

10:00pm	6
10:15pm	2
10:30pm	2
10:45pm	2
Hour total	12*

11:00pm	0
11:15pm	1
11:30pm	0
11:45pm	0
Hour total	1*

Day total 2115*
Percent 100.0%

Fri 12/18/1992

12:00am	0
12:15am	0
12:30am	0
12:45am	0
Hour total	0*

Report of Volume by Lane

Page: 11
Date: 12/18/1992

Location: SUN LAKES BLVD, S OF RIGGS Start Day : 12/15/92 End Day : 12/18/92
Weather : CLEAR Start Time: 10:25:00 End Time: 01:00:00
Study ID: 378 Interval : 15 min Intervals: 251
Serial #: 130 Operator: TRA Type: Volume.none.none

Interval Time NORTH

Grand
Total 5958*
Percent 100.0%

-----<Peak hour analysis>-----

Start Date	Start Time	Peak Count	Peak Factor
12/15/92 A.M.	Peak starts 10:45	232	0.81
12/15/92 P.M.	Peak starts 11:15	229	0.80
12/16/92 A.M.	Peak starts 09:00	251	0.87
12/16/92 P.M.	Peak starts 11:15	217	0.94
12/17/92 A.M.	Peak starts 09:15	236	0.94
12/17/92 P.M.	Peak starts 11:30	206	0.89
12/17/92 A.M.	Peak starts 23:15	1	0.25
23/112/49 P.M.	Peak starts 1780:13056	0	N.A.

-----<High hour useage times>-----

Time	Date	Hour	Date	Count
Highest hours from 10:25 to 01:00	12/15/92			
		Highest	12/16/92	251
		2nd Highest	12/15/92	232
		3rd Highest	12/17/92	223

Report of Volume by Lane

Page: 1
Date: 3/05/1993

Location: PAPAGO, N OF FAIRWAY BLVD Start Day : 03/02/93 End Day : 03/05/93
Weather : CLEAR Start Time: 17:12:00 End Time: 05:00:00
Study ID: 395 Interval : 15 min Intervals: 240
Serial #: 172 Operator: TRA Type: Volume.none.none

Interval Time NORTH SOUTH Total

Tue 3/02/1993

6:00pm	1	0	1
6:15pm	0	1	1
6:30pm	0	0	0
6:45pm	0	0	0
Hour total	1*	1*	2*
7:00pm	0	0	0
7:15pm	1	1	2
7:30pm	0	0	0
7:45pm	0	0	0
Hour total	1*	1*	2*
8:00pm	0	0	0
8:15pm	1	1	2
8:30pm	0	0	0
8:45pm	0	0	0
Hour total	1*	1*	2*
9:00pm	0	0	0
9:15pm	0	0	0
9:30pm	1	1	2
9:45pm	0	0	0
Hour total	1*	1*	2*
10:00pm	0	0	0
10:15pm	0	0	0
10:30pm	0	0	0
10:45pm	0	0	0
Hour total	0*	0*	0*
11:00pm	0	0	0
11:15pm	0	0	0
11:30pm	0	0	0
11:45pm	0	0	0
Hour total	0*	0*	0*
Day total	4*	4*	8*
Percent	50.0%	50.0%	100.0%

Wed 3/03/1993

12:00am	0	0	0
12:15am	0	0	0

Report of Volume by Lane

Page: 2
Date: 3/05/1993

Location: PAPAGO, N OF FAIRWAY BLVD Start Day : 03/02/93 End Day : 03/05/93
Weather : CLEAR Start Time: 17:12:00 End Time: 05:00:00
Study ID: 395 Interval : 15 min Intervals: 240
Serial #: 172 Operator: TRA Type: Volume.none.none

Interval Time NORTH SOUTH Total

Wed 3/03/1993

12:30am	0	0	0
12:45am	0	0	0
Hour total	0*	0*	0*
1:00am	0	0	0
1:15am	0	0	0
1:30am	0	0	0
1:45am	0	0	0
Hour total	0*	0*	0*
2:00am	0	0	0
2:15am	0	0	0
2:30am	2	1	3
2:45am	0	0	0
Hour total	2*	1*	3*
3:00am	0	0	0
3:15am	0	0	0
3:30am	0	0	0
3:45am	1	1	2
Hour total	1*	1*	2*
4:00am	0	0	0
4:15am	0	0	0
4:30am	0	0	0
4:45am	0	0	0
Hour total	0*	0*	0*
5:00am	0	1	1
5:15am	0	0	0
5:30am	0	0	0
5:45am	0	0	0
Hour total	0*	1*	1*
6:00am	0	0	0
6:15am	0	1	1
6:30am	1	1	2
6:45am	0	1	1
Hour total	1*	3*	4*
7:00am	1	1	2
7:15am	0	0	0
7:30am	0	0	0

Report of Volume by Lane

Page: 3
Date: 3/05/1993

Location: PAPAGO, N OF FAIRWAY BLVD Start Day : 03/02/93 End Day : 03/05/93
Weather : CLEAR Start Time: 17:12:00 End Time: 05:00:00
Study ID: 395 Interval : 15 min Intervals: 240
Serial #: 172 Operator: TRA Type: Volume.none.none

Interval Time NORTH SOUTH Total

Wed 3/03/1993

7:45am	0	0	0
Hour total	1*	1*	2*
8:00am	0	0	0
8:15am	0	0	0
8:30am	0	0	0
8:45am	0	0	0
Hour total	0*	0*	0*
9:00am	2	4	6
9:15am	2	4	6
9:30am	1	1	2
9:45am	0	2	2
Hour total	5*	11*	16*
10:00am	0	1	1
10:15am	2	1	3
10:30am	4	1	5
10:45am	0	1	1
Hour total	6*	4*	10*
11:00am	0	2	2
11:15am	2	2	4
11:30am	2	3	5
11:45am	1	1	2
Hour total	5*	8*	13*
12:00pm	0	0	0
12:15pm	1	3	4
12:30pm	3	1	4
12:45pm	0	0	0
Hour total	4*	4*	8*
1:00pm	1	3	4
1:15pm	1	1	2
1:30pm	2	3	5
1:45pm	5	2	7
Hour total	9*	9*	18*
2:00pm	3	3	6
2:15pm	0	1	1
2:30pm	2	1	3
2:45pm	0	1	1
Hour total	5*	6*	11*

Report of Volume by Lane

Page: 4
Date: 3/05/1993

Location: PAPAGO, N OF FAIRWAY BLVD Start Day : 03/02/93 End Day : 03/05/93
Weather : CLEAR Start Time: 17:12:00 End Time: 05:00:00
Study ID: 395 Interval : 15 min Intervals: 240
Serial #: 172 Operator: TRA Type: Volume.none.none

Interval Time NORTH SOUTH Total

Wed 3/03/1993

3:00pm	0	1	1
3:15pm	0	1	1
3:30pm	6	7	13
3:45pm	1	0	1
Hour total	7*	9*	16*
4:00pm	1	3	4
4:15pm	3	2	5
4:30pm	0	0	0
4:45pm	1	4	5
Hour total	5*	9*	14*
5:00pm	0	0	0
5:15pm	2	0	2
5:30pm	0	0	0
5:45pm	0	1	1
Hour total	2*	1*	3*
6:00pm	2	2	4
6:15pm	1	1	2
6:30pm	1	0	1
6:45pm	0	0	0
Hour total	4*	3*	7*
7:00pm	0	0	0
7:15pm	0	0	0
7:30pm	0	0	0
7:45pm	1	0	1
Hour total	1*	0*	1*
8:00pm	0	0	0
8:15pm	0	0	0
8:30pm	0	0	0
8:45pm	2	0	2
Hour total	2*	0*	2*
9:00pm	0	0	0
9:15pm	0	0	0
9:30pm	0	0	0
9:45pm	0	0	0
Hour total	0*	0*	0*
10:00pm	0	1	1

Report of Volume by Lane

Page: 5
Date: 3/05/1993

Location: PAPAGO, N OF FAIRWAY BLVD Start Day : 03/02/93 End Day : 03/05/93
Weather : CLEAR Start Time: 17:12:00 End Time: 05:00:00
Study ID: 395 Interval : 15 min Intervals: 240
Serial #: 172 Operator: TRA Type: Volume.none.none

Interval Time NORTH SOUTH Total

Wed 3/03/1993

10:15pm	1	0	1
10:30pm	0	0	0
10:45pm	0	0	0
Hour total	1*	1*	2*

11:00pm	0	0	0
11:15pm	0	0	0
11:30pm	3	1	4
11:45pm	0	0	0
Hour total	3*	1*	4*

Day total	64*	73*	137*
Percent	46.7%	53.3%	100.0%

Thu 3/04/1993

12:00am	0	0	0
12:15am	0	0	0
12:30am	0	0	0
12:45am	0	0	0
Hour total	0*	0*	0*

1:00am	4	6	10
1:15am	0	0	0
1:30am	0	0	0
1:45am	0	0	0
Hour total	4*	6*	10*

2:00am	0	0	0
2:15am	0	0	0
2:30am	0	0	0
2:45am	0	0	0
Hour total	0*	0*	0*

3:00am	0	0	0
3:15am	0	0	0
3:30am	0	0	0
3:45am	1	1	2
Hour total	1*	1*	2*

4:00am	0	0	0
4:15am	0	0	0
4:30am	0	0	0

Report of Volume by Lane

Page: 6
Date: 3/05/1993

Location: PAPAGO, N OF FAIRWAY BLVD Start Day : 03/02/93 End Day : 03/05/93
Weather : CLEAR Start Time: 17:12:00 End Time: 05:00:00
Study ID: 395 Interval : 15 min Intervals: 240
Serial #: 172 Operator: TRA Type: Volume.none.none

Interval Time NORTH SOUTH Total

Thu 3/04/1993

4:45am	0	0	0
Hour total	0*	0*	0*
5:00am	0	1	1
5:15am	1	2	3
5:30am	0	0	0
5:45am	0	0	0
Hour total	1*	3*	4*
6:00am	1	1	2
6:15am	0	0	0
6:30am	0	0	0
6:45am	0	1	1
Hour total	1*	2*	3*
7:00am	0	0	0
7:15am	0	0	0
7:30am	0	0	0
7:45am	0	0	0
Hour total	0*	0*	0*
8:00am	0	0	0
8:15am	2	1	3
8:30am	0	1	1
8:45am	0	0	0
Hour total	2*	2*	4*
9:00am	0	2	2
9:15am	0	0	0
9:30am	0	3	3
9:45am	4	3	7
Hour total	4*	8*	12*
10:00am	0	0	0
10:15am	0	1	1
10:30am	0	0	0
10:45am	0	2	2
Hour total	0*	3*	3*
11:00am	2	2	4
11:15am	0	0	0
11:30am	1	2	3
11:45am	5	6	11
Hour total	8*	10*	18*

Report of Volume by Lane

Page: 7
Date: 3/05/1993

Location: PAPAGO, N OF FAIRWAY BLVD Start Day : 03/02/93 End Day : 03/05/93
Weather : CLEAR Start Time: 17:12:00 End Time: 05:00:00
Study ID: 395 Interval : 15 min Intervals: 240
Serial #: 172 Operator: TRA Type: Volume.none.none

Interval Time NORTH SOUTH Total

Thu 3/04/1993

12:00pm	1	2	3
12:15pm	2	4	6
12:30pm	2	1	3
12:45pm	4	1	5
Hour total	9*	8*	17*
1:00pm	2	5	7
1:15pm	1	2	3
1:30pm	0	0	0
1:45pm	3	2	5
Hour total	6*	9*	15*
2:00pm	2	1	3
2:15pm	1	5	6
2:30pm	4	1	5
2:45pm	2	3	5
Hour total	9*	10*	19*
3:00pm	3	1	4
3:15pm	5	5	10
3:30pm	4	2	6
3:45pm	3	2	5
Hour total	15*	10*	25*
4:00pm	3	1	4
4:15pm	0	1	1
4:30pm	2	1	3
4:45pm	1	0	1
Hour total	6*	3*	9*
5:00pm	1	0	1
5:15pm	0	0	0
5:30pm	1	1	2
5:45pm	1	2	3
Hour total	3*	3*	6*
6:00pm	1	0	1
6:15pm	0	0	0
6:30pm	0	0	0
6:45pm	2	1	3
Hour total	3*	1*	4*
7:00pm	0	0	0

Report of Volume by Lane

Page: 8
 Date: 3/05/1993

Location: PAPAGO, N OF FAIRWAY BLVD Start Day : 03/02/93 End Day : 03/05/93
 Weather : CLEAR Start Time: 17:12:00 End Time: 05:00:00

Study ID: 395 Interval : 15 min Intervals: 240

Serial #: 172 Operator: TRA Type: Volume.none.none

Interval Time NORTH SOUTH Total

Thu 3/04/1993

7:15pm	1	1	2
7:30pm	0	1	1
7:45pm	1	0	1
Hour total	2*	2*	4*

8:00pm	0	0	0
8:15pm	0	0	0
8:30pm	0	0	0
8:45pm	6	3	9
Hour total	6*	3*	9*

9:00pm	0	1	1
9:15pm	0	0	0
9:30pm	0	0	0
9:45pm	0	1	1
Hour total	0*	2*	2*

10:00pm	0	0	0
10:15pm	1	1	2
10:30pm	0	0	0
10:45pm	0	0	0
Hour total	1*	1*	2*

11:00pm	0	0	0
11:15pm	0	0	0
11:30pm	0	0	0
11:45pm	0	0	0
Hour total	0*	0*	0*

Day total	81*	87*	168*
Percent	48.2%	51.8%	100.0%

Fri 3/05/1993

12:00am	0	0	0
12:15am	0	0	0
12:30am	0	0	0
12:45am	0	0	0
Hour total	0*	0*	0*

1:00am	0	0	0
1:15am	0	0	0
1:30am	0	0	0

Report of Volume by Lane

Page: 9
Date: 3/05/1993

Location: PAPAGO, N OF FAIRWAY BLVD Start Day : 03/02/93 End Day : 03/05/93
Weather : CLEAR Start Time: 17:12:00 End Time: 05:00:00
Study ID: 395 Interval : 15 min Intervals: 240
Serial #: 172 Operator: TRA Type: Volume.none.none

Interval Time NORTH SOUTH Total

Fri 3/05/1993

1:45am	0	0	0
Hour total	0*	0*	0*

2:00am	0	0	0
2:15am	0	0	0
2:30am	0	0	0
2:45am	1	1	2
Hour total	1*	1*	2*

3:00am	0	0	0
3:15am	1	1	2
3:30am	0	0	0
3:45am	0	0	0
Hour total	1*	1*	2*

4:00am	0	0	0
4:15am	0	0	0
4:30am	0	0	0
4:45am	0	0	0
Hour total	0*	0*	0*

Day total	2*	2*	4*
Percent	50.0%	50.0%	100.0%

Report of Volume by Lane

Page: 10
Date: 3/05/1993

Location: PAPAGO, N OF FAIRWAY BLVD Start Day : 03/02/93 End Day : 03/05/93
Weather : CLEAR Start Time: 17:12:00 End Time: 05:00:00
Study ID: 395 Interval : 15 min Intervals: 240

Serial #: 172 Operator: TRA Type: Volume.none.none

Interval Time NORTH SOUTH Total

Grand
Total 151* 166* 317*
Percent 47.6% 52.4% 100.0%

-----<Peak hour analysis>-----

Start Date	Start Time	Peak Count	Peak Factor
9571/112/14340 P.M.	Peak starts 1780:13461	0	N.A.
03/03/93 A.M.	Peak starts 09:00	16	0.67
03/03/93 P.M.	Peak starts 15:30	23	0.44
03/04/93 A.M.	Peak starts 11:00	18	0.41
03/04/93 P.M.	Peak starts 14:45	25	0.63
03/05/93 A.M.	Peak starts 02:30	4	0.50
9571/112/14240 P.M.	Peak starts 1780:13461	0	N.A.

-----<High hour usage times>-----

Time	Date	Hour	Date	Count
Highest hours from 18:00 to 05:00	03/02/93 03/05/93	Highest	15:00	03/04/93 25
		2nd Highest	14:00	03/04/93 19
		3rd Highest	13:00	03/03/93 18

Graph of Volume by Hour

Page: 1
Date: 3/05/1993

Location: PAPAGO, N OF FAIRWAY BLVD Start Day : 03/02/93 End Day : 03/05/93
 Weather : CLEAR Start Time: 17:12:00 End Time: 05:00:00
 Study ID: 395 Interval : 15 min Intervals: 240
 Serial #: 172 Operator: TRA Type: Volume.none.none

Hour Count Percent

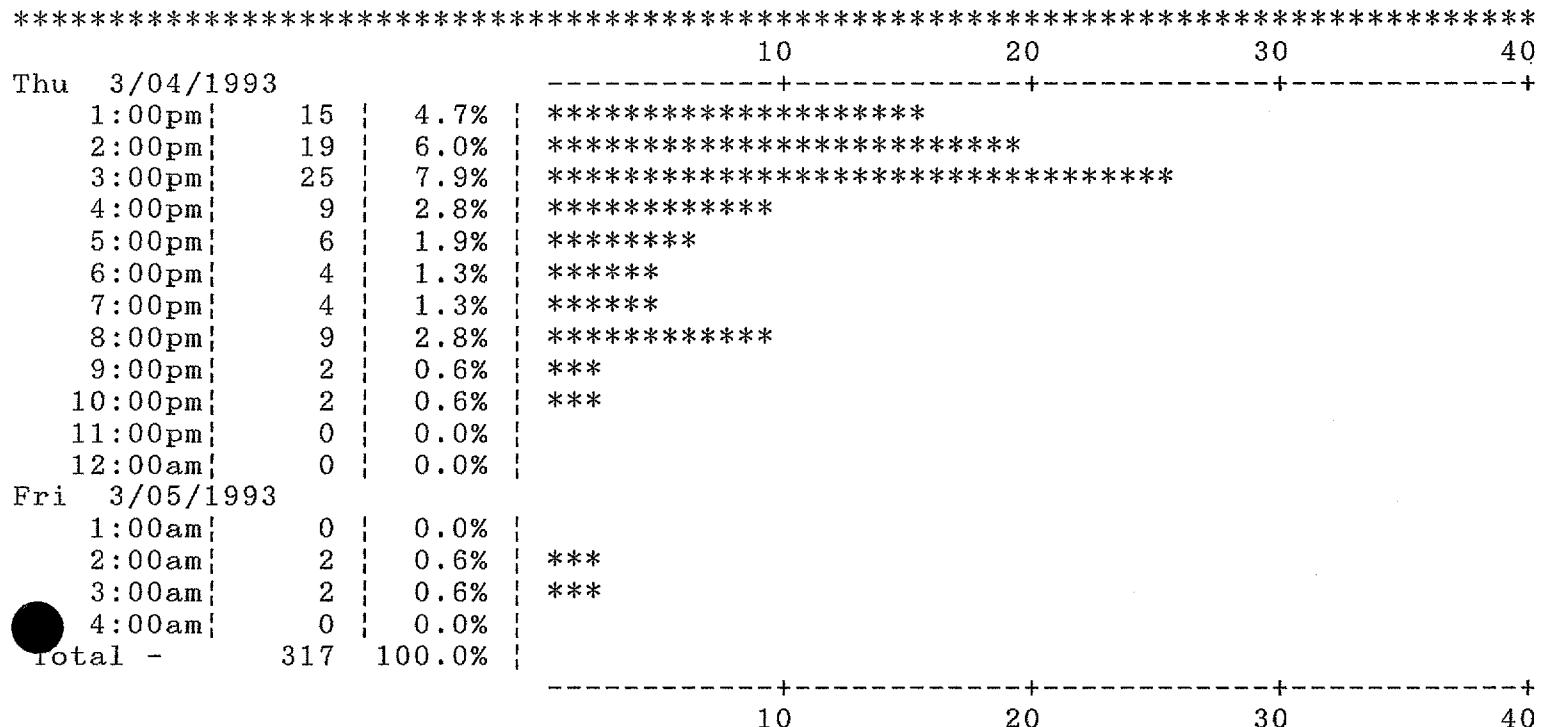
			10	20	30	40
Tue	3/02/1993		-----+-----+-----+-----+			
6:00pm	2	0.6%	***			
7:00pm	2	0.6%	***			
8:00pm	2	0.6%	***			
9:00pm	2	0.6%	***			
10:00pm	0	0.0%				
11:00pm	0	0.0%				
12:00am	0	0.0%				
Wed	3/03/1993		-----+-----+-----+-----+			
1:00am	0	0.0%				
2:00am	3	0.9%	****			
3:00am	2	0.6%	***			
4:00am	0	0.0%				
5:00am	1	0.3%	**			
6:00am	4	1.3%	*****			
7:00am	2	0.6%	***			
8:00am	0	0.0%				
9:00am	16	5.0%	*****			
10:00am	10	3.2%	*****			
11:00am	13	4.1%	*****			
12:00pm	8	2.5%	*****			
1:00pm	18	5.7%	*****			
2:00pm	11	3.5%	*****			
3:00pm	16	5.0%	*****			
4:00pm	14	4.4%	*****			
5:00pm	3	0.9%	***			
6:00pm	7	2.2%	*****			
7:00pm	1	0.3%	**			
8:00pm	2	0.6%	***			
9:00pm	0	0.0%				
10:00pm	2	0.6%	***			
11:00pm	4	1.3%	*****			
12:00am	0	0.0%				
Thu	3/04/1993		-----+-----+-----+-----+			
1:00am	10	3.2%	*****			
2:00am	0	0.0%				
3:00am	2	0.6%	***			
4:00am	0	0.0%				
5:00am	4	1.3%	****			
6:00am	3	0.9%	***			
7:00am	0	0.0%				
8:00am	4	1.3%	****			
9:00am	12	3.8%	*****			
10:00am	3	0.9%	***			
11:00am	18	5.7%	*****			
12:00pm	17	5.4%	*****			
			-----+-----+-----+-----+			
			10	20	30	40

Page: 2
Date: 3/05/1993

Graph of Volume by Hour

Location: PAPAGO, N OF FAIRWAY BLVD Start Day : 03/02/93 End Day : 03/05/93
Weather : CLEAR Start Time: 17:12:00 End Time: 05:00:00
Study ID: 395 Interval : 15 min Intervals: 240
Serial #: 172 Operator: TRA Type: Volume.none.none

Hour Count Percent



Report of Volume by Lane

Page: 1
Date: 3/05/1993

Location: RIO SALADO, W OF L. W. BLVD Start Day : 03/02/93 End Day : 03/05/93
Weather : CLEAR Start Time: 15:46:00 End Time: 05:00:00
Study ID: 394 Interval : 15 min Intervals: 245
Serial #: 193 Operator: TRA Type: Volume.none.none

Interval Time EAST WEST Total

Tue 3/02/1993

6:00pm	1	8	9
6:15pm	3	4	7
6:30pm	2	3	5
6:45pm	4	2	6
Hour total	10*	17*	27*
7:00pm	0	0	0
7:15pm	2	2	4
7:30pm	0	4	4
7:45pm	1	0	1
Hour total	3*	6*	9*
8:00pm	0	1	1
8:15pm	1	1	2
8:30pm	0	2	2
8:45pm	4	1	5
Hour total	5*	5*	10*
9:00pm	0	1	1
9:15pm	0	0	0
9:30pm	0	1	1
9:45pm	0	0	0
Hour total	0*	2*	2*
10:00pm	0	2	2
10:15pm	4	2	6
10:30pm	0	0	0
10:45pm	0	0	0
Hour total	4*	4*	8*
11:00pm	0	0	0
11:15pm	0	0	0
11:30pm	0	1	1
11:45pm	0	0	0
Hour total	0*	1*	1*

Day total	22*	35*	57*
Percent	38.6%	61.4%	100.0%

Wed 3/03/1993

12:00am	0	0	0
12:15am	0	0	0

Report of Volume by Lane

Page: 2
Date: 3/05/1993

Location: RIO SALADO, W OF L. W. BLVD Start Day : 03/02/93 End Day : 03/05/93
Weather : CLEAR Start Time: 15:46:00 End Time: 05:00:00
Study ID: 394 Interval : 15 min Intervals: 245
Serial #: 193 Operator: TRA Type: Volume.none.none

Interval Time EAST WEST Total

Wed 3/03/1993

12:30am	0	0	0
12:45am	0	0	0
Hour total	0*	0*	0*
1:00am	0	0	0
1:15am	0	0	0
1:30am	0	0	0
1:45am	1	1	2
Hour total	1*	1*	2*
2:00am	0	0	0
2:15am	0	0	0
2:30am	0	0	0
2:45am	0	0	0
Hour total	0*	0*	0*
3:00am	0	0	0
3:15am	0	0	0
3:30am	0	0	0
3:45am	1	1	2
Hour total	1*	1*	2*
4:00am	0	0	0
4:15am	0	0	0
4:30am	0	0	0
4:45am	0	0	0
Hour total	0*	0*	0*
5:00am	1	2	3
5:15am	0	0	0
5:30am	0	1	1
5:45am	2	0	2
Hour total	3*	3*	6*
6:00am	0	0	0
6:15am	0	0	0
6:30am	0	3	3
6:45am	5	0	5
Hour total	5*	3*	8*
7:00am	4	1	5
7:15am	6	3	9
7:30am	3	2	5

Report of Volume by Lane

Page: 3
Date: 3/05/1993

Location: RIO SALADO, W OF L. W. BLVD Start Day : 03/02/93 End Day : 03/05/93
Weather : CLEAR Start Time: 15:46:00 End Time: 05:00:00
Study ID: 394 Interval : 15 min Intervals: 245
Serial #: 193 Operator: TRA Type: Volume.none.none

Interval Time EAST WEST Total

Wed 3/03/1993

7:45am	2	0	2
Hour total	15*	6*	21*
8:00am	1	1	2
8:15am	4	4	8
8:30am	6	4	10
8:45am	6	0	6
Hour total	17*	9*	26*
9:00am	1	2	3
9:15am	8	4	12
9:30am	6	3	9
9:45am	3	1	4
Hour total	18*	10*	28*
10:00am	6	2	8
10:15am	3	8	11
10:30am	4	5	9
10:45am	3	3	6
Hour total	16*	18*	34*
11:00am	10	7	17
11:15am	7	4	11
11:30am	4	3	7
11:45am	2	7	9
Hour total	23*	21*	44*
12:00pm	5	5	10
12:15pm	4	10	14
12:30pm	7	4	11
12:45pm	10	8	18
Hour total	26*	27*	53*
1:00pm	6	4	10
1:15pm	7	4	11
1:30pm	4	2	6
1:45pm	5	4	9
Hour total	22*	14*	36*
2:00pm	4	5	9
2:15pm	5	5	10
2:30pm	4	7	11
2:45pm	4	7	11
Hour total	17*	24*	41*

Report of Volume by Lane

Page: 4
Date: 3/05/1993

Location: RIO SALADO, W OF L. W. BLVD Start Day : 03/02/93 End Day : 03/05/93
Weather : CLEAR Start Time: 15:46:00 End Time: 05:00:00
Study ID: 394 Interval : 15 min Intervals: 245
Serial #: 193 Operator: TRA Type: Volume.none.none

Interval Time EAST WEST Total

Wed 3/03/1993

3:00pm	5	7	12
3:15pm	1	4	5
3:30pm	2	4	6
3:45pm	6	5	11
Hour total	14*	20*	34*
4:00pm	5	7	12
4:15pm	4	6	10
4:30pm	3	3	6
4:45pm	1	5	6
Hour total	13*	21*	34*
5:00pm	5	7	12
5:15pm	4	3	7
5:30pm	3	4	7
5:45pm	1	5	6
Hour total	13*	19*	32*
6:00pm	4	5	9
6:15pm	5	1	6
6:30pm	1	0	1
6:45pm	3	2	5
Hour total	13*	8*	21*
7:00pm	2	0	2
7:15pm	1	2	3
7:30pm	0	1	1
7:45pm	0	1	1
Hour total	3*	4*	7*
8:00pm	0	1	1
8:15pm	0	1	1
8:30pm	0	2	2
8:45pm	0	1	1
Hour total	0*	5*	5*
9:00pm	0	5	5
9:15pm	1	0	1
9:30pm	0	0	0
9:45pm	0	3	3
Hour total	1*	8*	9*
10:00pm	2	1	3

Report of Volume by Lane

Page: 5
Date: 3/05/1993

Location: RIO SALADO, W OF L. W. BLVD Start Day : 03/02/93 End Day : 03/05/93
Weather : CLEAR Start Time: 15:46:00 End Time: 05:00:00
Study ID: 394 Interval : 15 min Intervals: 245
Serial #: 193 Operator: TRA Type: Volume.none.none

Interval Time EAST WEST Total

Wed 3/03/1993

10:15pm	0	1	1
10:30pm	0	0	0
10:45pm	1	0	1
Hour total	3*	2*	5*
11:00pm	0	1	1
11:15pm	0	0	0
11:30pm	0	0	0
11:45pm	0	0	0
Hour total	0*	1*	1*

Day total	224*	225*	449*
Percent	49.9%	50.1%	100.0%

Thu 3/04/1993

12:00am	0	0	0
12:15am	0	0	0
12:30am	0	0	0
12:45am	0	0	0
Hour total	0*	0*	0*
1:00am	0	0	0
1:15am	0	0	0
1:30am	0	0	0
1:45am	0	0	0
Hour total	0*	0*	0*
2:00am	0	0	0
2:15am	0	0	0
2:30am	0	0	0
2:45am	1	1	2
Hour total	1*	1*	2*
3:00am	0	0	0
3:15am	0	0	0
3:30am	0	0	0
3:45am	2	2	4
Hour total	2*	2*	4*
4:00am	0	0	0
4:15am	0	0	0
4:30am	0	0	0

Report of Volume by Lane

Page: 6
Date: 3/05/1993

Location: RIO SALADO, W OF L. W. BLVD Start Day : 03/02/93 End Day : 03/05/93
Weather : CLEAR Start Time: 15:46:00 End Time: 05:00:00
Study ID: 394 Interval : 15 min Intervals: 245
Serial #: 193 Operator: TRA Type: Volume.none.none

Interval Time EAST WEST Total

Thu 3/04/1993

4:45am	0	0	0
Hour total	0*	0*	0*
5:00am	0	0	0
5:15am	0	0	0
5:30am	2	1	3
5:45am	0	0	0
Hour total	2*	1*	3*
6:00am	0	0	0
6:15am	0	0	0
6:30am	0	0	0
6:45am	0	0	0
Hour total	0*	0*	0*
7:00am	4	1	5
7:15am	3	2	5
7:30am	6	2	8
7:45am	2	3	5
Hour total	15*	8*	23*
8:00am	3	4	7
8:15am	1	2	3
8:30am	6	1	7
8:45am	3	1	4
Hour total	13*	8*	21*
9:00am	2	4	6
9:15am	5	4	9
9:30am	7	6	13
9:45am	6	4	10
Hour total	20*	18*	38*
10:00am	4	3	7
10:15am	4	5	9
10:30am	2	2	4
10:45am	3	3	6
Hour total	13*	13*	26*
11:00am	8	1	9
11:15am	5	6	11
11:30am	7	5	12
11:45am	9	9	18
Hour total	29*	21*	50*

Report of Volume by Lane

Page: 7
Date: 3/05/1993

Location: RIO SALADO, W OF L. W. BLVD Start Day : 03/02/93 End Day : 03/05/93
Weather : CLEAR Start Time: 15:46:00 End Time: 05:00:00
Study ID: 394 Interval : 15 min Intervals: 245
Serial #: 193 Operator: TRA Type: Volume.none.none

Interval Time EAST WEST Total

Thu 3/04/1993

12:00pm	7	7	14
12:15pm	3	7	10
12:30pm	4	4	8
12:45pm	7	3	10
Hour total	21*	21*	42*
1:00pm	4	8	12
1:15pm	4	3	7
1:30pm	6	3	9
1:45pm	12	9	21
Hour total	26*	23*	49*
2:00pm	5	7	12
2:15pm	5	11	16
2:30pm	4	4	8
2:45pm	4	3	7
Hour total	18*	25*	43*
3:00pm	3	2	5
3:15pm	5	4	9
3:30pm	2	7	9
3:45pm	7	4	11
Hour total	17*	17*	34*
4:00pm	4	3	7
4:15pm	8	6	14
4:30pm	7	12	19
4:45pm	4	6	10
Hour total	23*	27*	50*
5:00pm	3	3	6
5:15pm	6	5	11
5:30pm	2	5	7
5:45pm	2	4	6
Hour total	13*	17*	30*
6:00pm	2	2	4
6:15pm	3	2	5
6:30pm	5	4	9
6:45pm	0	4	4
Hour total	10*	12*	22*
7:00pm	0	1	1

Report of Volume by Lane

Page: 8
 Date: 3/05/1993

 Location: RIO SALADO, W OF L. W. BLVD Start Day : 03/02/93 End Day : 03/05/93
 Weather : CLEAR Start Time: 15:46:00 End Time: 05:00:00
 Study ID: 394 Interval : 15 min Intervals: 245
 Serial #: 193 Operator: TRA Type: Volume.none.none

Interval Time EAST WEST Total

Thu 3/04/1993

7:15pm	1	0	1
7:30pm	0	1	1
7:45pm	0	1	1
Hour total	1*	3*	4*

8:00pm	0	1	1
8:15pm	0	3	3
8:30pm	1	2	3
8:45pm	0	1	1
Hour total	1*	7*	8*

9:00pm	1	1	2
9:15pm	1	1	2
9:30pm	0	0	0
9:45pm	0	0	0
Hour total	2*	2*	4*

10:00pm	3	0	3
10:15pm	0	2	2
10:30pm	0	0	0
10:45pm	0	1	1
Hour total	3*	3*	6*

11:00pm	0	1	1
11:15pm	0	0	0
11:30pm	0	0	0
11:45pm	0	0	0
Hour total	0*	1*	1*

Day total	230*	230*	460*
Percent	50.0%	50.0%	100.0%

Fri 3/05/1993

12:00am	1	1	2
12:15am	0	0	0
12:30am	0	0	0
12:45am	0	0	0
Hour total	1*	1*	2*

1:00am	0	0	0
1:15am	0	0	0
1:30am	0	0	0

Report of Volume by Lane

Page: 9
Date: 3/05/1993

Location: RIO SALADO, W OF L. W. BLVD Start Day : 03/02/93 End Day : 03/05/93
Weather : CLEAR Start Time: 15:46:00 End Time: 05:00:00
Study ID: 394 Interval : 15 min Intervals: 245
Serial #: 193 Operator: TRA Type: Volume.none.none

Interval Time EAST WEST Total

Fri 3/05/1993

1:45am	0	0	0
Hour total	0*	0*	0*
2:00am	0	0	0
2:15am	0	0	0
2:30am	0	0	0
2:45am	0	0	0
Hour total	0*	0*	0*
3:00am	0	0	0
3:15am	1	1	2
3:30am	0	0	0
3:45am	0	1	1
Hour total	1*	2*	3*
4:00am	1	0	1
4:15am	0	0	0
4:30am	0	0	0
4:45am	0	0	0
Hour total	1*	0*	1*
Day total	3*	3*	6*
Percent	50.0%	50.0%	100.0%

Report of Volume by Lane

Page: 10
Date: 3/05/1993

Location: RIO SALADO, W OF L. W. BLVD Start Day : 03/02/93 End Day : 03/05/93
Weather : CLEAR Start Time: 15:46:00 End Time: 05:00:00
Study ID: 394 Interval : 15 min Intervals: 245
Serial #: 193 Operator: TRA Type: Volume.none.none

Interval Time EAST WEST Total

Grand
Total 479* 493* 972*
Percent 49.3% 50.7% 100.0%

-----<Peak hour analysis>-----

Start Date	Start Time	Peak Count	Peak Factor
9571/112/14640 P.M.	Peak starts 1780:13461	0	N.A.
03/03/93 A.M.	Peak starts 11:00	44	0.65
03/03/93 P.M.	Peak starts 12:00	53	0.74
03/04/93 A.M.	Peak starts 11:00	50	0.69
03/04/93 P.M.	Peak starts 13:30	58	0.69
03/05/93 A.M.	Peak starts 03:15	4	0.50
9571/112/14540 P.M.	Peak starts 1780:13461	0	N.A.

-----<High hour usage times>-----

Time	Date	Hour	Date	Count
Highest hours from 18:00 to 05:00	03/02/93 03/05/93			
Highest		12:00	03/03/93	53
2nd Highest		11:00	03/04/93	50
3rd Highest		16:00	03/04/93	50

Graph of Volume by Hour

Page: 1
 Date: 3/05/1993

 Location: RIO SALADO, W OF L. W. BLVD Start Day : 03/02/93 End Day : 03/05/93
 Weather : CLEAR Start Time: 15:46:00 End Time: 05:00:00
 Study ID: 394 Interval : 15 min Intervals: 245
 Serial #: 193 Operator: TRA Type: Volume.none.none

Hour	Count	Percent	15	30	45	60
Tue 3/02/1993			- - - - +	- - - - +	- - - - +	- - - - +
6:00pm	27	2.8%	*****			
7:00pm	9	0.9%	*****			
8:00pm	10	1.0%	*****			
9:00pm	2	0.2%	**			
10:00pm	8	0.8%	*****			
11:00pm	1	0.1%	*			
12:00am	0	0.0%				
1:00am	2	0.2%	**			
Wed 3/03/1993			- - - - +	- - - - +	- - - - +	- - - - +
2:00am	0	0.0%				
3:00am	2	0.2%	**			
4:00am	0	0.0%				
5:00am	6	0.6%	*****			
6:00am	8	0.8%	*****			
7:00am	21	2.2%	*****			
8:00am	26	2.7%	*****			
9:00am	28	2.9%	*****			
10:00am	34	3.5%	*****			
11:00am	44	4.5%	*****			
12:00pm	53	5.5%	*****			
1:00pm	36	3.7%	*****			
2:00pm	41	4.2%	*****			
3:00pm	34	3.5%	*****			
4:00pm	34	3.5%	*****			
5:00pm	32	3.3%	*****			
6:00pm	21	2.2%	*****			
7:00pm	7	0.7%	*****			
8:00pm	5	0.5%	***			
9:00pm	9	0.9%	*****			
10:00pm	5	0.5%	***			
11:00pm	1	0.1%	*			
12:00am	0	0.0%				
1:00am	0	0.0%				
Thu 3/04/1993			- - - - +	- - - - +	- - - - +	- - - - +
2:00am	2	0.2%	**			
3:00am	4	0.4%	***			
4:00am	0	0.0%				
5:00am	3	0.3%	***			
6:00am	0	0.0%				
7:00am	23	2.4%	*****			
8:00am	21	2.2%	*****			
9:00am	38	3.9%	*****			
10:00am	26	2.7%	*****			
11:00am	50	5.1%	*****			
12:00pm	42	4.3%	*****			

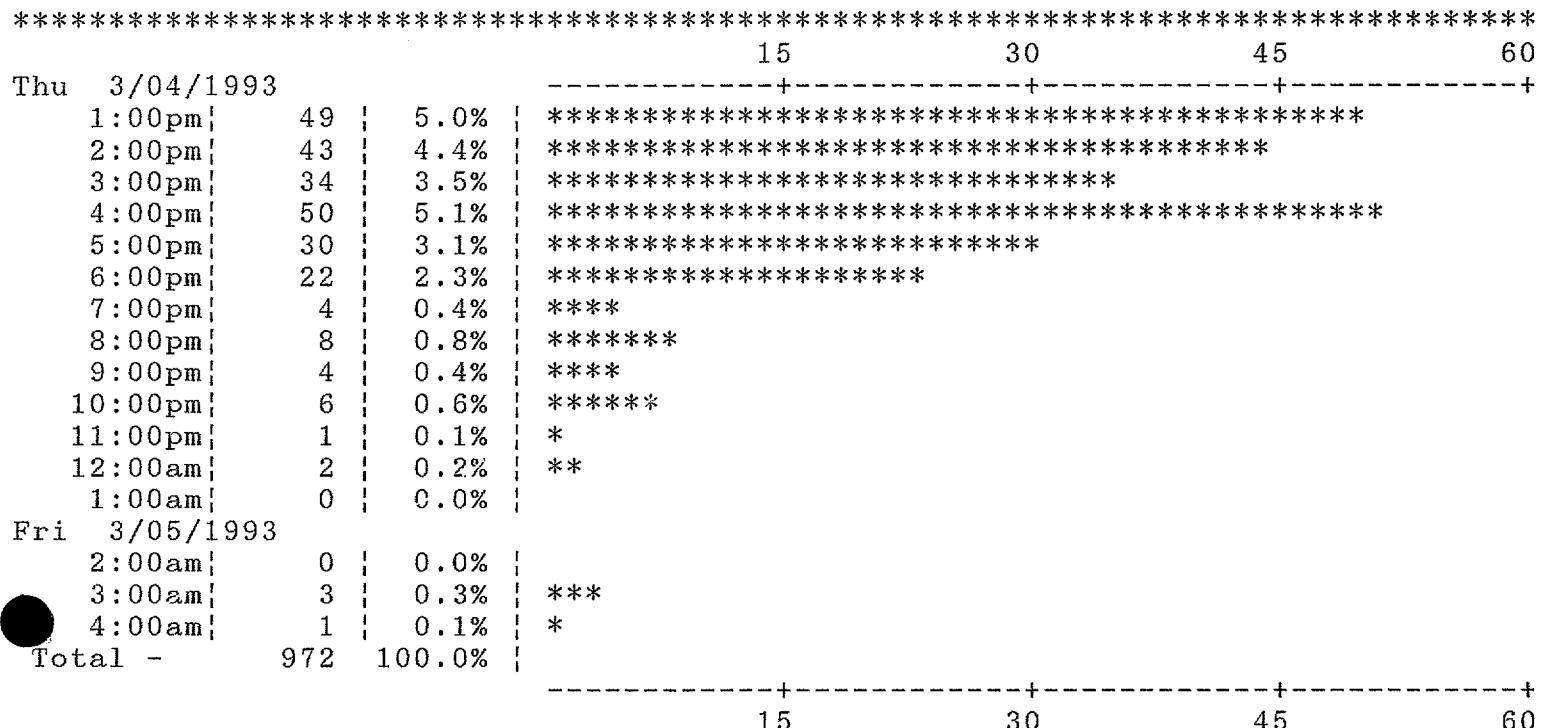
15 30 45 60

Graph of Volume by Hour

Page: 2
Date: 3/05/1993

Location: RIO SALADO, W OF L. W. BLVD Start Day : 03/02/93 End Day : 03/05/93
Weather : CLEAR Start Time: 15:46:00 End Time: 05:00:00
Study ID: 394 Interval : 15 min Intervals: 245
Serial #: 193 Operator: TRA Type: Volume.none.none

Hour Count Percent



Report of Volume by Lane

Page: 1
Date: 3/05/1993

Location: ELEGANTE, W OF L. W. BLVD Start Day : 03/02/93 End Day : 03/05/93
Weather : CLEAR Start Time: 15:31:00 End Time: 05:00:00
Study ID: 393 Interval : 15 min Intervals: 246
Serial #: 116 Operator: TRA Type: Volume.none.none

Interval Time EAST WEST Total

Tue 3/02/1993

6:00pm	6	4	10
6:15pm	2	6	8
6:30pm	2	2	4
6:45pm	4	1	5
Hour total	14*	13*	27*
7:00pm	1	1	2
7:15pm	1	2	3
7:30pm	1	2	3
7:45pm	2	2	4
Hour total	5*	7*	12*
8:00pm	1	0	1
8:15pm	0	0	0
8:30pm	0	0	0
8:45pm	0	1	1
Hour total	1*	1*	2*
9:00pm	0	1	1
9:15pm	0	3	3
9:30pm	1	0	1
9:45pm	0	0	0
Hour total	1*	4*	5*
10:00pm	1	0	1
10:15pm	4	1	5
10:30pm	0	0	0
10:45pm	0	0	0
Hour total	5*	1*	6*
11:00pm	0	1	1
11:15pm	0	0	0
11:30pm	0	0	0
11:45pm	0	0	0
Hour total	0*	1*	1*

Day total	26*	27*	53*
Percent	49.1%	50.9%	100.0%

Wed 3/03/1993

12:00am	0	1	1
12:15am	0	0	0

Report of Volume by Lane

Page: 2
Date: 3/05/1993

Location: ELEGANTE, W OF L. W. BLVD Start Day : 03/02/93 End Day : 03/05/93
Weather : CLEAR Start Time: 15:31:00 End Time: 05:00:00
Study ID: 393 Interval : 15 min Intervals: 246
Serial #: 116 Operator: TRA Type: Volume.none.none

Interval Time EAST WEST Total

Wed 3/03/1993

12:30am	0	0	0
12:45am	0	0	0
Hour total	0*	1*	1*
1:00am	0	0	0
1:15am	0	0	0
1:30am	0	0	0
1:45am	1	1	2
Hour total	1*	1*	2*
2:00am	0	0	0
2:15am	0	0	0
2:30am	0	0	0
2:45am	0	0	0
Hour total	0*	0*	0*
3:00am	0	0	0
3:15am	0	0	0
3:30am	1	1	2
3:45am	2	2	4
Hour total	3*	3*	6*
4:00am	0	0	0
4:15am	0	0	0
4:30am	0	0	0
4:45am	0	1	1
Hour total	0*	1*	1*
5:00am	1	0	1
5:15am	0	0	0
5:30am	0	1	1
5:45am	1	0	1
Hour total	2*	1*	3*
6:00am	1	0	1
6:15am	3	1	4
6:30am	4	4	8
6:45am	0	0	0
Hour total	8*	5*	13*
7:00am	7	1	8
7:15am	4	5	9
7:30am	2	3	5

Report of Volume by Lane

Page: 3
Date: 3/05/1993

Location: ELEGANTE, W OF L. W. BLVD Start Day : 03/02/93 End Day : 03/05/93
Weather : CLEAR Start Time: 15:31:00 End Time: 05:00:00
Study ID: 393 Interval : 15 min Intervals: 246
Serial #: 116 Operator: TRA Type: Volume.none.none

Interval Time EAST WEST Total

Wed 3/03/1993

7:45am	3	1	4
Hour total	16*	10*	26*
8:00am	11	6	17
8:15am	5	2	7
8:30am	2	3	5
8:45am	2	4	6
Hour total	20*	15*	35*
9:00am	5	3	8
9:15am	4	4	8
9:30am	7	3	10
9:45am	8	6	14
Hour total	24*	16*	40*
10:00am	7	3	10
10:15am	6	5	11
10:30am	2	4	6
10:45am	8	4	12
Hour total	23*	16*	39*
11:00am	7	6	13
11:15am	5	8	13
11:30am	6	3	9
11:45am	4	4	8
Hour total	22*	21*	43*
12:00pm	7	9	16
12:15pm	11	6	17
12:30pm	4	6	10
12:45pm	6	4	10
Hour total	28*	25*	53*
1:00pm	12	5	17
1:15pm	1	3	4
1:30pm	4	5	9
1:45pm	4	4	8
Hour total	21*	17*	38*
2:00pm	4	6	10
2:15pm	5	6	11
2:30pm	6	7	13
2:45pm	7	5	12
Hour total	22*	24*	46*

Report of Volume by Lane

Page: 4
Date: 3/05/1993

Location: ELEGANTE, W OF L. W. BLVD Start Day : 03/02/93 End Day : 03/05/93
Weather : CLEAR Start Time: 15:31:00 End Time: 05:00:00
Study ID: 393 Interval : 15 min Intervals: 246
Serial #: 116 Operator: TRA Type: Volume.none.none

Interval Time EAST WEST Total

Wed 3/03/1993

3:00pm	5	5	10
3:15pm	0	1	1
3:30pm	5	2	7
3:45pm	3	9	12
Hour total	13*	17*	30*
4:00pm	5	5	10
4:15pm	7	5	12
4:30pm	3	5	8
4:45pm	2	6	8
Hour total	17*	21*	38*
5:00pm	5	4	9
5:15pm	3	3	6
5:30pm	2	2	4
5:45pm	3	5	8
Hour total	13*	14*	27*
6:00pm	1	5	6
6:15pm	0	3	3
6:30pm	3	1	4
6:45pm	3	2	5
Hour total	7*	11*	18*
7:00pm	3	0	3
7:15pm	0	2	2
7:30pm	2	0	2
7:45pm	0	2	2
Hour total	5*	4*	9*
8:00pm	0	3	3
8:15pm	1	2	3
8:30pm	0	3	3
8:45pm	1	1	2
Hour total	2*	9*	11*
9:00pm	1	2	3
9:15pm	0	0	0
9:30pm	1	4	5
9:45pm	1	1	2
Hour total	3*	7*	10*
10:00pm	0	2	2

Report of Volume by Lane

Location: ELEGANTE, W OF L. W. BLVD Start Day : 03/02/93 End Day : 03/05/93
Weather : CLEAR Start Time: 15:31:00 End Time: 05:00:00
Study ID: 393 Interval : 15 min Intervals: 246
Serial #: 116 Operator: TRA Type: Volume.none.none

Interval Time EAST WEST Total

Wed 3/03/1993

10:15pm	0	0	0
10:30pm	0	0	0
10:45pm	0	0	0
Hour total	0*	2*	2*
11:00pm	0	1	1
11:15pm	0	0	0
11:30pm	0	0	0
11:45pm	0	0	0
Hour total	0*	1*	1*

Day total	250*	242*	492*
Percent	50.8%	49.2%	100.0%

Thu 3/04/1993

12:00am	0	0	0
12:15am	0	0	0
12:30am	0	0	0
12:45am	0	0	0
Hour total	0*	0*	0*
1:00am	0	0	0
1:15am	0	0	0
1:30am	0	0	0
1:45am	0	0	0
Hour total	0*	0*	0*
2:00am	0	0	0
2:15am	0	0	0
2:30am	0	0	0
2:45am	1	1	2
Hour total	1*	1*	2*
3:00am	0	0	0
3:15am	0	0	0
3:30am	0	1	1
3:45am	2	2	4
Hour total	2*	3*	5*
4:00am	0	0	0
4:15am	2	1	3
4:30am	0	0	0

Report of Volume by Lane

Page: 6
Date: 3/05/1993

Location: ELEGANTE, W OF L. W. BLVD Start Day : 03/02/93 End Day : 03/05/93
Weather : CLEAR Start Time: 15:31:00 End Time: 05:00:00
Study ID: 393 Interval : 15 min Intervals: 246
Serial #: 116 Operator: TRA Type: Volume.none.none

Interval Time EAST WEST Total

Thu 3/04/1993

4:45am	0	0	0
Hour total	2*	1*	3*
5:00am	1	0	1
5:15am	0	1	1
5:30am	3	1	4
5:45am	1	0	1
Hour total	5*	2*	7*
6:00am	1	0	1
6:15am	2	0	2
6:30am	0	0	0
6:45am	1	0	1
Hour total	4*	0*	4*
7:00am	3	2	5
7:15am	4	2	6
7:30am	0	2	2
7:45am	6	7	13
Hour total	13*	13*	26*
8:00am	2	0	2
8:15am	6	2	8
8:30am	7	4	11
8:45am	4	4	8
Hour total	19*	10*	29*
9:00am	5	6	11
9:15am	4	3	7
9:30am	2	2	4
9:45am	6	5	11
Hour total	17*	16*	33*
10:00am	4	4	8
10:15am	4	5	9
10:30am	2	2	4
10:45am	11	6	17
Hour total	21*	17*	38*
11:00am	4	4	8
11:15am	6	6	12
11:30am	18	6	24
11:45am	10	6	16
Hour total	38*	22*	60*

Report of Volume by Lane

Page: 7
Date: 3/05/1993

Location: ELEGANTE, W OF L. W. BLVD Start Day : 03/02/93 End Day : 03/05/93
Weather : CLEAR Start Time: 15:31:00 End Time: 05:00:00
Study ID: 393 Interval : 15 min Intervals: 246
Serial #: 116 Operator: TRA Type: Volume.none.none

Interval Time EAST WEST Total

Thu 3/04/1993

12:00pm	6	5	11
12:15pm	8	13	21
12:30pm	2	4	6
12:45pm	3	3	6
Hour total	19*	25*	44*
1:00pm	7	5	12
1:15pm	4	4	8
1:30pm	4	2	6
1:45pm	3	4	7
Hour total	18*	15*	33*
2:00pm	7	9	16
2:15pm	0	2	2
2:30pm	5	2	7
2:45pm	3	3	6
Hour total	15*	16*	31*
3:00pm	5	3	8
3:15pm	6	7	13
3:30pm	6	10	16
3:45pm	6	4	10
Hour total	23*	24*	47*
4:00pm	5	6	11
4:15pm	10	9	19
4:30pm	9	10	19
4:45pm	4	5	9
Hour total	28*	30*	58*
5:00pm	2	6	8
5:15pm	4	4	8
5:30pm	0	2	2
5:45pm	0	1	1
Hour total	6*	13*	19*
6:00pm	3	1	4
6:15pm	1	0	1
6:30pm	4	6	10
6:45pm	4	4	8
Hour total	12*	11*	23*
7:00pm	1	0	1

Report of Volume by Lane

Page: 8
Date: 3/05/1993

Location: ELEGANTE, W OF L. W. BLVD Start Day : 03/02/93 End Day : 03/05/93
Weather : CLEAR Start Time: 15:31:00 End Time: 05:00:00
Study ID: 393 Interval : 15 min Intervals: 246
Serial #: 116 Operator: TRA Type: Volume.none.none

Interval Time EAST WEST Total

Thu 3/04/1993

7:15pm	0	1	1
7:30pm	1	1	2
7:45pm	0	0	0
Hour total	2*	2*	4*

8:00pm	0	2	2
8:15pm	2	3	5
8:30pm	0	0	0
8:45pm	3	2	5
Hour total	5*	7*	12*

9:00pm	1	0	1
9:15pm	0	1	1
9:30pm	0	0	0
9:45pm	0	0	0
Hour total	1*	1*	2*

10:00pm	0	1	1
10:15pm	1	3	4
10:30pm	0	1	1
10:45pm	0	0	0
Hour total	1*	5*	6*

11:00pm	0	1	1
11:15pm	0	2	2
11:30pm	0	0	0
11:45pm	0	0	0
Hour total	0*	3*	3*

Day total	252*	237*	489*
Percent	51.5%	48.5%	100.0%

Fri 3/05/1993

12:00am	1	1	2
12:15am	0	0	0
12:30am	0	0	0
12:45am	0	0	0
Hour total	1*	1*	2*

1:00am	0	0	0
1:15am	0	0	0
1:30am	0	0	0

Report of Volume by Lane

Page: 9
Date: 3/05/1993

Location: ELEGANTE, W OF L. W. BLVD Start Day : 03/02/93 End Day : 03/05/93
Weather : CLEAR Start Time: 15:31:00 End Time: 05:00:00
Study ID: 393 Interval : 15 min Intervals: 246
Serial #: 116 Operator: TRA Type: Volume.none.none

Interval Time EAST WEST Total

Fri 3/05/1993

1:45am	0	0	0
Hour total	0*	0*	0*
2:00am	0	0	0
2:15am	0	0	0
2:30am	0	0	0
2:45am	0	0	0
Hour total	0*	0*	0*
3:00am	1	1	2
3:15am	1	1	2
3:30am	0	0	0
3:45am	0	0	0
Hour total	2*	2*	4*
4:00am	1	1	2
4:15am	0	0	0
4:30am	0	0	0
4:45am	0	0	0
Hour total	1*	1*	2*
Day total	4*	4*	8*
Percent	50.0%	50.0%	100.0%

Report of Volume by Lane

Page: 10
Date: 3/05/1993

Location: ELEGANTE, W OF L. W. BLVD Start Day : 03/02/93 End Day : 03/05/93
Weather : CLEAR Start Time: 15:31:00 End Time: 05:00:00
Study ID: 393 Interval : 15 min Intervals: 246
Serial #: 116 Operator: TRA Type: Volume.none.none

Interval Time EAST WEST Total

Grand
Total 532* 510* 1042*
Percent 51.1% 48.9% 100.0%

-----<Peak hour analysis>-----

Start Date	Start Time	Peak Count	Peak Factor
9571/112/14840 P.M.	Peak starts 1780:13461	0	N.A.
03/03/93 A.M.	Peak starts 10:45	47	0.90
03/03/93 P.M.	Peak starts 12:15	54	0.79
03/04/93 A.M.	Peak starts 10:45	61	0.64
03/04/93 P.M.	Peak starts 11:30	72	0.75
03/04/93 A.M.	Peak starts 23:15	4	0.50
9571/112/14740 P.M.	Peak starts 1780:13461	0	N.A.

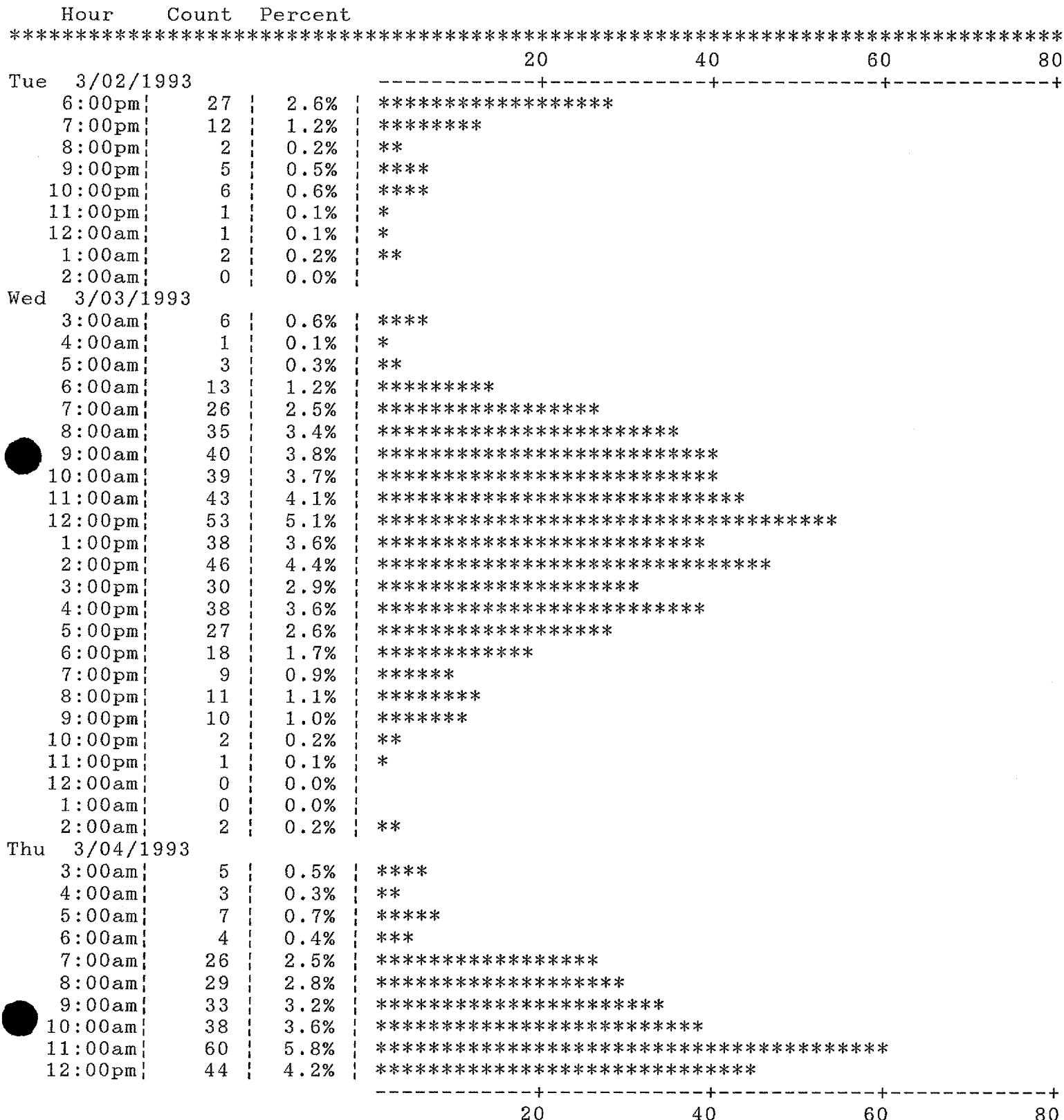
-----<High hour usage times>-----

Time	Date	Hour	Date	Count
Highest hours from 18:00 to 05:00	03/02/93 03/05/93	Highest	11:00	03/04/93 60
		2nd Highest	16:00	03/04/93 58
		3rd Highest	12:00	03/03/93 53

Graph of Volume by Hour

Page: 1
Date: 3/05/1993

Location: ELEGANTE, W OF L. W. BLVD Start Day : 03/02/93 End Day : 03/05/93
 Weather : CLEAR Start Time: 15:31:00 End Time: 05:00:00
 Study ID: 393 Interval : 15 min Intervals: 246
 Serial #: 116 Operator: TRA Type: Volume.none.none

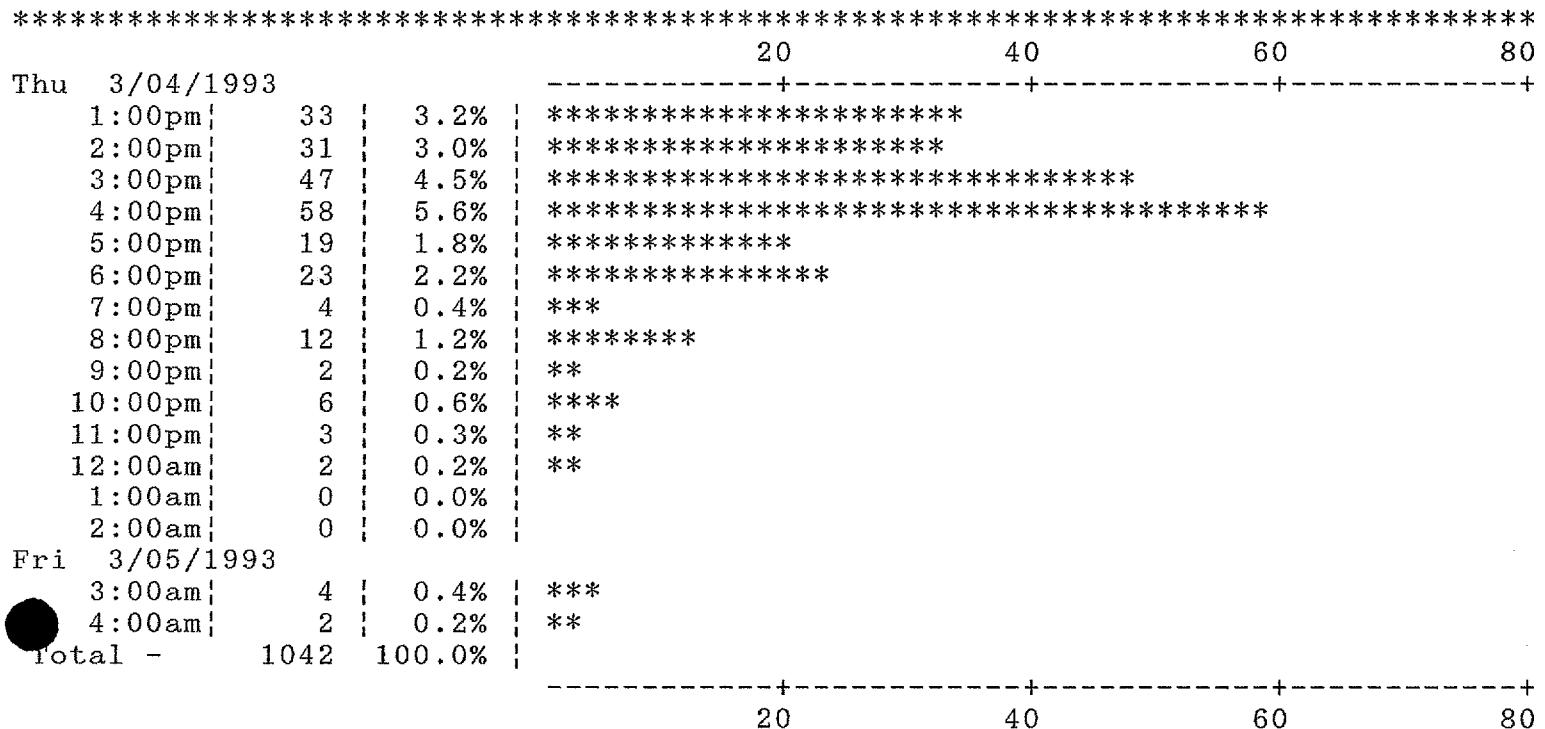


Graph of Volume by Hour

Page: 2
Date: 3/05/1993

Location: ELEGANTE, W OF L. W. BLVD Start Day : 03/02/93 End Day : 03/05/93
Weather : CLEAR Start Time: 15:31:00 End Time: 05:00:00
Study ID: 393 Interval : 15 min Intervals: 246
Serial #: 116 Operator: TRA Type: Volume.none.none

Hour Count Percent



Report of Volume by Lane

Page: 1
Date: 3/05/1993

Location: HOGAN
Weather : CLEAR
Study ID: 396
Serial #: 100

Start Day : 03/02/93 End Day : 03/05/93
Start Time: 17:39:00 End Time: 05:00:00
Interval : 15 min Intervals: 238

Operator: TRA

Type: Volume.none.none

Interval Time EAST WEST Total

Tue 3/02/1993

6:00pm	1	1	2
6:15pm	2	1	3
6:30pm	2	2	4
6:45pm	1	3	4
Hour total	6*	7*	13*
7:00pm	0	0	0
7:15pm	0	0	0
7:30pm	1	1	2
7:45pm	4	2	6
Hour total	5*	3*	8*
8:00pm	4	1	5
8:15pm	1	0	1
8:30pm	0	0	0
8:45pm	0	0	0
Hour total	5*	1*	6*
9:00pm	0	0	0
9:15pm	1	0	1
9:30pm	0	0	0
9:45pm	0	0	0
Hour total	1*	0*	1*
10:00pm	0	0	0
10:15pm	0	1	1
10:30pm	0	0	0
10:45pm	1	1	2
Hour total	1*	2*	3*
11:00pm	0	0	0
11:15pm	0	0	0
11:30pm	1	0	1
11:45pm	1	1	2
Hour total	2*	1*	3*

Day total	20*	14*	34*
Percent	58.8%	41.2%	100.0%

Wed 3/03/1993

12:00am	0	0	0
12:15am	0	0	0

Report of Volume by Lane

Page: 2
Date: 3/05/1993

Location: HOGAN Start Day : 03/02/93 End Day : 03/05/93
Weather : CLEAR Start Time: 17:39:00 End Time: 05:00:00
Study ID: 396 Interval : 15 min Intervals: 238
Serial #: 100 Operator: TRA Type: Volume.none.none

Interval Time EAST WEST Total

Wed 3/03/1993

12:30am	0	0	0
12:45am	0	0	0
Hour total	0*	0*	0*
1:00am	0	0	0
1:15am	0	0	0
1:30am	0	0	0
1:45am	0	0	0
Hour total	0*	0*	0*
2:00am	0	0	0
2:15am	1	1	2
2:30am	0	0	0
2:45am	0	0	0
Hour total	1*	1*	2*
3:00am	0	0	0
3:15am	0	0	0
3:30am	0	0	0
3:45am	0	0	0
Hour total	0*	0*	0*
4:00am	2	1	3
4:15am	0	0	0
4:30am	0	0	0
4:45am	0	0	0
Hour total	2*	1*	3*
5:00am	0	0	0
5:15am	0	0	0
5:30am	2	1	3
5:45am	0	2	2
Hour total	2*	3*	5*
6:00am	0	1	1
6:15am	0	0	0
6:30am	0	2	2
6:45am	0	0	0
Hour total	0*	3*	3*
7:00am	0	2	2
7:15am	0	1	1
7:30am	1	0	1

Report of Volume by Lane

Page: 3
Date: 3/05/1993

Station: HOGAN Start Day : 03/02/93 End Day : 03/05/93
Weather : CLEAR Start Time: 17:39:00 End Time: 05:00:00
Study ID: 396 Interval : 15 min Intervals: 238
Serial #: 100 Operator: TRA Type: Volume.none.none

Interval Time EAST WEST Total

Wed 3/03/1993

7:45am	0	3	3
Hour total	1*	6*	7*
8:00am	1	0	1
8:15am	0	2	2
8:30am	1	1	2
8:45am	1	4	5
Hour total	3*	7*	10*
9:00am	2	2	4
9:15am	0	1	1
9:30am	1	1	2
9:45am	0	3	3
Hour total	3*	7*	10*
10:00am	1	3	4
10:15am	1	1	2
10:30am	0	1	1
10:45am	1	1	2
Hour total	3*	6*	9*
11:00am	0	1	1
11:15am	0	0	0
11:30am	0	1	1
11:45am	2	3	5
Hour total	2*	5*	7*
12:00pm	1	1	2
12:15pm	3	2	5
12:30pm	1	3	4
12:45pm	0	1	1
Hour total	5*	7*	12*
1:00pm	3	1	4
1:15pm	4	2	6
1:30pm	2	3	5
1:45pm	2	4	6
Hour total	11*	10*	21*
2:00pm	1	0	1
2:15pm	0	0	0
2:30pm	0	0	0
2:45pm	3	3	6
Hour total	4*	3*	7*

Report of Volume by Lane

Page: 4
Date: 3/05/1993

Station: HOGAN Start Day : 03/02/93 End Day : 03/05/93
Weather : CLEAR Start Time: 17:39:00 End Time: 05:00:00
Study ID: 396 Interval : 15 min Intervals: 238
Serial #: 100 Operator: TRA Type: Volume.none.none

Interval Time EAST WEST Total

Wed 3/03/1993

3:00pm	4	1	5
3:15pm	4	2	6
3:30pm	1	2	3
3:45pm	2	1	3
Hour total	11*	6*	17*
4:00pm	5	0	5
4:15pm	1	3	4
4:30pm	2	2	4
4:45pm	2	2	4
Hour total	10*	7*	17*
5:00pm	2	4	6
5:15pm	4	2	6
5:30pm	1	2	3
5:45pm	3	0	3
Hour total	10*	8*	18*
6:00pm	0	2	2
6:15pm	2	0	2
6:30pm	4	1	5
6:45pm	3	0	3
Hour total	9*	3*	12*
7:00pm	3	2	5
7:15pm	1	0	1
7:30pm	1	0	1
7:45pm	0	0	0
Hour total	5*	2*	7*
8:00pm	1	1	2
8:15pm	0	0	0
8:30pm	0	0	0
8:45pm	0	0	0
Hour total	1*	1*	2*
9:00pm	0	0	0
9:15pm	0	0	0
9:30pm	0	1	1
9:45pm	1	0	1
Hour total	1*	1*	2*
10:00pm	1	0	1

Report of Volume by Lane

Page: 5
Date: 3/05/1993

Location: HOGAN Start Day : 03/02/93 End Day : 03/05/93
Weather : CLEAR Start Time: 17:39:00 End Time: 05:00:00
Study ID: 396 Interval : 15 min Intervals: 238
Serial #: 100 Operator: TRA Type: Volume.none.none

Interval Time EAST WEST Total

Wed 3/03/1993

10:15pm	0	0	0
10:30pm	0	0	0
10:45pm	0	0	0
Hour total	1*	0*	1*

11:00pm	0	1	1
11:15pm	0	0	0
11:30pm	2	0	2
11:45pm	0	0	0
Hour total	2*	1*	3*

Day total	87*	88*	175*
Percent	49.7%	50.3%	100.0%

Thu 3/04/1993

12:00am	0	0	0
12:15am	0	0	0
12:30am	0	0	0
12:45am	0	0	0
Hour total	0*	0*	0*

1:00am	0	0	0
1:15am	0	0	0
1:30am	0	0	0
1:45am	0	0	0
Hour total	0*	0*	0*

2:00am	0	0	0
2:15am	0	0	0
2:30am	0	0	0
2:45am	0	0	0
Hour total	0*	0*	0*

3:00am	0	0	0
3:15am	1	2	3
3:30am	0	0	0
3:45am	0	0	0
Hour total	1*	2*	3*

4:00am	0	0	0
4:15am	0	0	0
4:30am	2	2	4

Report of Volume by Lane

Page: 6
Date: 3/05/1993

Location: HOGAN Start Day : 03/02/93 End Day : 03/05/93
Weather : CLEAR Start Time: 17:39:00 End Time: 05:00:00
Study ID: 396 Interval : 15 min Intervals: 238
Serial #: 100 Operator: TRA Type: Volume.none.none

Interval Time EAST WEST Total

Thu 3/04/1993

4:45am	3	3	6
Hour total	5*	5*	10*
5:00am	1	1	2
5:15am	2	0	2
5:30am	0	0	0
5:45am	0	0	0
Hour total	3*	1*	4*
6:00am	0	0	0
6:15am	0	1	1
6:30am	0	1	1
6:45am	0	2	2
Hour total	0*	4*	4*
7:00am	0	0	0
7:15am	1	1	2
7:30am	0	2	2
7:45am	1	1	2
Hour total	2*	4*	6*
8:00am	1	0	1
8:15am	1	4	.5
8:30am	0	0	0
8:45am	2	1	3
Hour total	4*	5*	9*
9:00am	0	1	1
9:15am	3	4	7
9:30am	1	4	5
9:45am	0	1	1
Hour total	4*	10*	14*
10:00am	0	1	1
10:15am	1	0	1
10:30am	0	2	2
10:45am	1	1	2
Hour total	2*	4*	6*
11:00am	3	1	4
11:15am	3	3	6
11:30am	2	5	7
11:45am	4	2	6
Hour total	12*	11*	23*

Report of Volume by Lane

Location: HOGAN Start Day : 03/02/93 End Day : 03/05/93
Weather : CLEAR Start Time: 17:39:00 End Time: 05:00:00
Study ID: 396 Interval : 15 min Intervals: 238
Serial #: 100 Operator: TRA Type: Volume.none.none

Interval Time EAST WEST Total

Thu 3/04/1993
12:00pm 4 2 6
12:15pm 1 3 4
12:30pm 2 3 5
12:45pm 3 1 4
Hour total 10* 9* 19*

1:00pm 0 5 5
1:15pm 4 3 7
1:30pm 2 2 4
1:45pm 1 1 2
Hour total 7* 11* 18*

2:00pm 1 2 3
2:15pm 1 2 3
2:30pm 5 1 6
2:45pm 4 3 7
Hour total 11* 8* 19*

3:00pm 1 2 3
3:15pm 1 3 4
3:30pm 1 2 3
3:45pm 0 2 2
Hour total 3* 9* 12*

4:00pm 2 1 3
4:15pm 1 0 1
4:30pm 3 1 4
4:45pm 4 1 5
Hour total 10* 3* 13*

5:00pm 4 4 8
5:15pm 1 0 1
5:30pm 2 1 3
5:45pm 2 0 2
Hour total 9* 5* 14*

6:00pm 4 0 4
6:15pm 1 0 1
6:30pm 0 0 0
6:45pm 2 1 3
Hour total 7* 1* 8*

7:00pm 1 1 2

Report of Volume by Lane

Page: 8
Date: 3/05/1993

Location: HOGAN Start Day : 03/02/93 End Day : 03/05/93
Weather : CLEAR Start Time: 17:39:00 End Time: 05:00:00
Study ID: 396 Interval : 15 min Intervals: 238
Serial #: 100 Operator: TRA Type: Volume.none.none

Interval Time EAST WEST Total

Thu 3/04/1993

7:15pm	0	0	0
7:30pm	0	1	1
7:45pm	0	0	0
Hour total	1*	2*	3*

8:00pm	2	1	3
8:15pm	0	0	0
8:30pm	0	0	0
8:45pm	1	0	1
Hour total	3*	1*	4*

9:00pm	0	0	0
9:15pm	0	0	0
9:30pm	0	0	0
9:45pm	0	0	0
Hour total	0*	0*	0*

10:00pm	2	1	3
10:15pm	0	0	0
10:30pm	0	0	0
10:45pm	0	0	0
Hour total	2*	1*	3*

11:00pm	2	1	3
11:15pm	0	1	1
11:30pm	0	0	0
11:45pm	1	0	1
Hour total	3*	2*	5*

Day total	99*	98*	197*
Percent	50.3%	49.7%	100.0%

Fri 3/05/1993

12:00am	0	0	0
12:15am	0	0	0
12:30am	0	0	0
12:45am	0	0	0
Hour total	0*	0*	0*

1:00am	0	0	0
1:15am	0	0	0
1:30am	0	0	0

Report of Volume by Lane

Page: 9
Date: 3/05/1993

Location: HOGAN Start Day : 03/02/93 End Day : 03/05/93
Weather : CLEAR Start Time: 17:39:00 End Time: 05:00:00
Study ID: 396 Interval : 15 min Intervals: 238
Serial #: 100 Operator: TRA Type: Volume.none.none

Interval Time EAST WEST Total*****

Fri 3/05/1993

1:45am 0 0 0
Hour total 0* 0* 0*2:00am 0 0 0
2:15am 0 0 0
2:30am 2 1 3
2:45am 0 0 0
Hour total 2* 1* 3*3:00am 0 0 0
3:15am 0 0 0
3:30am 0 0 0
3:45am 0 0 0
Hour total 0* 0* 0*4:00am 2 2 4
4:15am 0 0 0
4:30am 0 0 0
4:45am 0 0 0
Hour total 2* 2* 4*Day total 4* 3* 7*
Percent 57.1% 42.9% 100.0%

Report of Volume by Lane

Page: 10
Date: 3/05/1993

Location: HOGAN Start Day : 03/02/93 End Day : 03/05/93
Weather : CLEAR Start Time: 17:39:00 End Time: 05:00:00
Study ID: 396 Interval : 15 min Intervals: 238
Serial #: 100 Operator: TRA Type: Volume.none.none

Interval Time EAST WEST Total

Grand
Total 210* 203* 413*
Percent 50.8% 49.2% 100.0%

-----<Peak hour analysis>-----

Start Date	Start Time	Peak Count	Peak Factor
03/02/93 P.M.	Peak starts 19:30	14	0.58
03/03/93 A.M.	Peak starts 08:15	13	0.65
03/03/93 P.M.	Peak starts 13:00	21	0.88
03/04/93 A.M.	Peak starts 11:00	23	0.82
03/04/93 P.M.	Peak starts 11:15	25	0.89
03/05/93 A.M.	Peak starts 03:15	4	0.25
9571/112/14440 P.M.	Peak starts 1780:13461	0	N.A.

-----<High hour usage times>-----

Time	Date	Hour	Date	Count
Highest hours from 18:00 to 05:00	03/02/93 03/05/93			
Highest		11:00	03/04/93	23
2nd Highest		13:00	03/03/93	21
3rd Highest		12:00	03/04/93	19

Graph of Volume by Hour

Page: 1
 Date: 3/05/1993

 Location: HOGAN Start Day : 03/02/93 End Day : 03/05/93
 Weather : CLEAR Start Time: 17:39:00 End Time: 05:00:00
 Study ID: 396 Interval : 15 min Intervals: 238
 Serial #: 100 Operator: TRA Type: Volume.none.none

Hour	Count	Percent	10	20	30	40
Tue 3/02/1993			- - - - +	- - - - +	- - - - +	- - - - +
6:00pm	13	3.1%	*****			
7:00pm	8	1.9%	*****			
8:00pm	6	1.5%	*****			
9:00pm	1	0.2%	**			
10:00pm	3	0.7%	****			
11:00pm	3	0.7%	****			
12:00am	0	0.0%				
Wed 3/03/1993			- - - - +	- - - - +	- - - - +	- - - - +
1:00am	0	0.0%				
2:00am	2	0.5%	***			
3:00am	0	0.0%				
4:00am	3	0.7%	****			
5:00am	5	1.2%	*****			
6:00am	3	0.7%	****			
7:00am	7	1.7%	*****			
8:00am	10	2.4%	*****			
9:00am	10	2.4%	*****			
10:00am	9	2.2%	*****			
11:00am	7	1.7%	*****			
12:00pm	12	2.9%	*****			
1:00pm	21	5.1%	*****			
2:00pm	7	1.7%	*****			
3:00pm	17	4.1%	*****			
4:00pm	17	4.1%	*****			
5:00pm	18	4.4%	*****			
6:00pm	12	2.9%	*****			
7:00pm	7	1.7%	*****			
8:00pm	2	0.5%	***			
9:00pm	2	0.5%	***			
10:00pm	1	0.2%	**			
11:00pm	3	0.7%	****			
12:00am	0	0.0%				
Thu 3/04/1993			- - - - +	- - - - +	- - - - +	- - - - +
1:00am	0	0.0%				
2:00am	0	0.0%				
3:00am	3	0.7%	***			
4:00am	10	2.4%	*****			
5:00am	4	1.0%	****			
6:00am	4	1.0%	****			
7:00am	6	1.5%	****			
8:00am	9	2.2%	*****			
9:00am	14	3.4%	*****			
10:00am	6	1.5%	****			
11:00am	23	5.6%	*****			
12:00pm	19	4.6%	*****			

- - - - + + - - - - + + - - - - + + - - - - + +

Graph of Volume by Hour

Page: 2
Date: 3/05/1993

Location: HOGAN

Weather : CLEAR

Study ID: 396

Serial #: 100

Operator: TRA

Start Day : 03/02/93 End Day : 03/05/93

Start Time: 17:39:00 End Time: 05:00:00

Interval : 15 min Intervals: 238

Type: Volume.none.none

Hour Count Percent

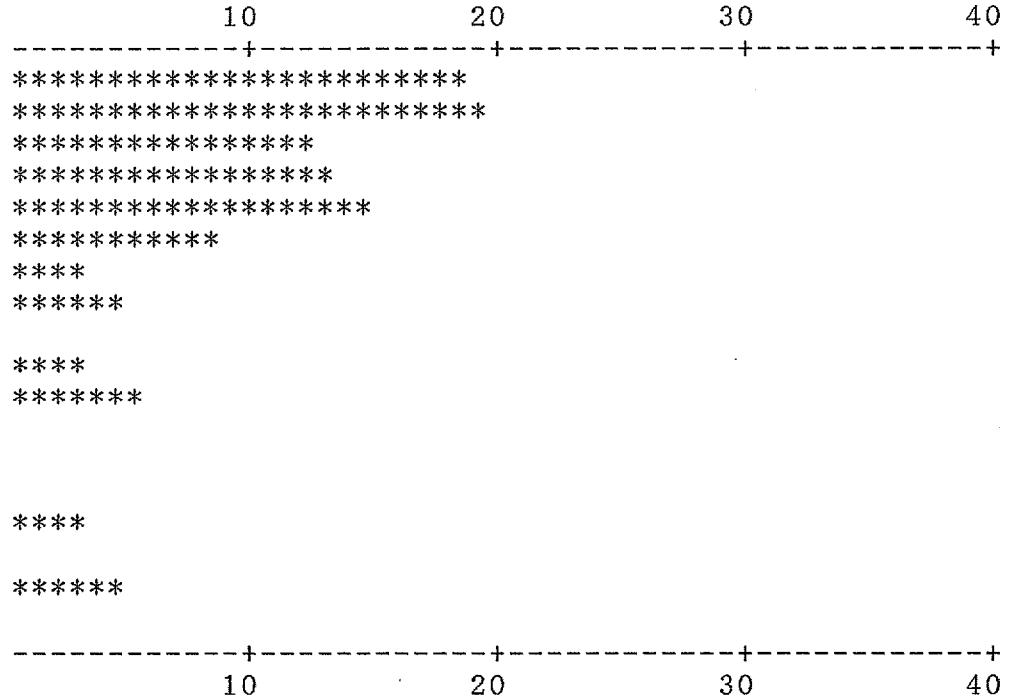
Thu 3/04/1993

| Hour | Count | Percent |
|---------|-------|---------|
| 1:00pm | 18 | 4.4% |
| 2:00pm | 19 | 4.6% |
| 3:00pm | 12 | 2.9% |
| 4:00pm | 13 | 3.1% |
| 5:00pm | 14 | 3.4% |
| 6:00pm | 8 | 1.9% |
| 7:00pm | 3 | 0.7% |
| 8:00pm | 4 | 1.0% |
| 9:00pm | 0 | 0.0% |
| 10:00pm | 3 | 0.7% |
| 11:00pm | 5 | 1.2% |
| 12:00am | 0 | 0.0% |

Fri 3/05/1993

| | | |
|--------|---|------|
| 1:00am | 0 | 0.0% |
| 2:00am | 3 | 0.7% |
| 3:00am | 0 | 0.0% |
| 4:00am | 4 | 1.0% |

Total - 413 100.0%



Volume by Lane Report

Page 1

D File : D0217001.PRN
Station : 222
Identification : 5320173 Interval : 60 minutes
Start date : Feb 17, 93 Start time : 10:00
Stop date : Feb 19, 93 Stop time : 10:00
City/Town : SUN LAKES County : MARICOPA
Location : COCHISE PL W/O DOBSON RD

Lanes 1-2 are East/West Combined

| Lane | EASTBOUND | | Total |
|--------------|------------|-----------|-------|
| | 1 OUTBOUND | 2 INBOUND | |
| 11:00 | 121 | 105 | 226 ← |
| 12:00 | 100 | 114 | 214 |
| 13:00 | 96 | 117 | 213 |
| 14:00 | 100 | 95 | 195 |
| 15:00 | 83 | 115 | 198 |
| 16:00 | 94 | 106 | 200 |
| 17:00 | 71 | 122 | 193 |
| 18:00 | 56 | 87 | 143 |
| 19:00 | 60 | 77 | 137 |
| 20:00 | 21 | 26 | 47 |
| 21:00 | 30 | 25 | 55 |
| 22:00 | 35 | 18 | 53 |
| 23:00 | 10 | 8 | 18 |
| 24:00 | 3 | 0 | 3 |
| Daily Totals | 880 | 1015 | 1895 |
| Percentages | 46.4 | 53.6 | |

| | | |
|--------------|-------|-------|
| AM Peak hour | 11:00 | 12:00 |
| Pk Hr. Count | 121 | 114 |
| PM Peak hour | 14:00 | 17:00 |
| Pk Hr. Count | 100 | 122 |

Volume by Lane Report

Page 2

 Data File : D0217001.PRN
 Station : 222
 Identification : 5320173 Interval : 60 minutes
 Start date : Feb 17, 93 Start time : 10:00
 Stop date : Feb 19, 93 Stop time : 10:00
 City/Town : SUN LAKES County : MARICOPA
 Location : COCHISE PL W/O DOBSON RD

Lanes 1-2 are East/West Combined

↓-----

| Lane | Thu - Feb 18, 93 | | Total |
|--------------|------------------|---------|--------------------|
| | Outbound | Inbound | |
| 01:00 | 1 | 0 | 1 |
| 02:00 | 1 | 1 | 2 |
| 03:00 | 1 | 0 | 1 |
| 04:00 | 1 | 1 | 2 |
| 05:00 | 6 | 0 | 6 |
| 06:00 | 8 | 6 | 14 |
| 07:00 | 25 | 10 | 35 |
| 08:00 | 55 | 32 | 87 |
| 09:00 | 73 | 58 | 131 |
| 10:00 | 111 | 79 | 190 |
| 11:00 | 128 | 102 | 230 ← am peak hour |
| 12:00 | 104 | 121 | 225 |
| 13:00 | 106 | 107 | 213 |
| 14:00 | 124 | 110 | 234 ← pm peak hour |
| 15:00 | 84 | 122 | 206 |
| 16:00 | 80 | 84 | 164 |
| 17:00 | 91 | 108 | 199 |
| 18:00 | 69 | 83 | 152 |
| 19:00 | 50 | 75 | 125 |
| 20:00 | 18 | 22 | 40 |
| 21:00 | 17 | 23 | 40 |
| 22:00 | 26 | 18 | 44 |
| 23:00 | 14 | 10 | 24 |
| 24:00 | 4 | 1 | 5 |
| Daily Totals | 1197 | 1173 | 2370 |
| Percentages | 50.5 | 49.5 | |

| | | |
|--------------|-------|-------|
| AM Peak hour | 11:00 | 12:00 |
| Pk Hr. Count | 128 | 121 |
| PM Peak hour | 14:00 | 15:00 |
| Pk Hr. Count | 124 | 122 |

Volume by Lane Report

Page 3

Data File : D0217001.PRN
Station : 222
Identification : 5320173 Interval : 60 minutes
Start date : Feb 17, 93 Start time : 10:00
Stop date : Feb 19, 93 Stop time : 10:00
City/Town : SUN LAKES County : MARICOPA
Location : COCHISE PL W/O DOBSON RD

Lanes 1-2 are East/West Combined

Fri - Feb 19, 93 Outbound Inbound
Lane 1 2 Total

01:00 0 1 1
02:00 2 0 2
03:00 1 0 1
04:00 1 0 1
05:00 3 1 4
06:00 4 5 9
07:00 22 7 29
08:00 66 33 99
09:00 92 64 156
10:00 104 90 194
===== ===== ===== =====
Grand Totals 2372 2389 4761
Percentages 49.8 50.2

Volume by Lane Report

Page 4

Data File : D0217002.PRN

Station : 222

Identification : 18230713

Interval : 60 minutes

Start date : Feb 17, 93

Start time : 10:00

Stop date : Feb 19, 93

Stop time : 10:00

City/Town : SUN LAKES

County : MARICOPA

Location : PINTO PL W/O DOBSON RD

Lane 1 is Westbound - Lane 2 is Eastbound

↓-----

Wed - Feb 17, 93

Inbound

Outbound

Lane 1 2 Total

| | 1 | 2 | Total |
|--------------|------|------|---------------------------------|
| 11:00 | 12 | 5 | 17 ← 10:00 - 11:00 am peak hour |
| 12:00 | 9 | 3 | 12 |
| 13:00 | 10 | 8 | 18 |
| 14:00 | 7 | 9 | 16 |
| 15:00 | 11 | 8 | 19 ← 2:00 - 3:00 pm peak hour |
| 16:00 | 5 | 5 | 10 |
| 17:00 | 9 | 7 | 16 |
| 18:00 | 6 | 3 | 9 |
| 19:00 | 6 | 3 | 9 |
| 20:00 | 1 | 0 | 1 |
| 21:00 | 3 | 1 | 4 |
| 22:00 | 3 | 2 | 5 |
| 23:00 | 1 | 0 | 1 |
| 24:00 | 0 | 0 | 0 |
| Daily Totals | 83 | 54 | 137 |
| Percentages | 60.6 | 39.4 | |

| | | |
|--------------|-------|-------|
| AM Peak hour | 11:00 | 11:00 |
| Pk Hr. Count | 12 | 5 |
| PM Peak hour | 15:00 | 14:00 |
| Pk Hr. Count | 11 | 9 |

Volume by Lane Report

Page 5

File : D0217002.PRN
 Station : 222
 Identification : 18230713 Interval : 60 minutes
 Start date : Feb 17, 93 Start time : 10:00
 Stop date : Feb 19, 93 Stop time : 10:00
 City/Town : SUN LAKES County : MARICOPA
 Location : PINTO PL W/O DOBSON RD

Lane 1 is Westbound - Lane 2 is Eastbound

| Lane | Inbound | | Total |
|--------------|---------|------|-------|
| | 1 | 2 | |
| 01:00 | 0 | 0 | 0 |
| 02:00 | 0 | 1 | 1 |
| 03:00 | 0 | 0 | 0 |
| 04:00 | 0 | 0 | 0 |
| 05:00 | 1 | 1 | 2 |
| 06:00 | 0 | 0 | 0 |
| 07:00 | 0 | 3 | 3 |
| 08:00 | 5 | 4 | 9 |
| 09:00 | 4 | 7 | 11 |
| 10:00 | 4 | 4 | 8 |
| 11:00 | 5 | 7 | 12 |
| 12:00 | 5 | 0 | 5 |
| 13:00 | 7 | 9 | 16 |
| 14:00 | 7 | 4 | 11 |
| 15:00 | 4 | 5 | 9 |
| 16:00 | 5 | 1 | 6 |
| 17:00 | 4 | 4 | 8 |
| 18:00 | 5 | 2 | 7 |
| 19:00 | 7 | 3 | 10 |
| 20:00 | 3 | 0 | 3 |
| 21:00 | 2 | 1 | 3 |
| 22:00 | 2 | 2 | 4 |
| 23:00 | 3 | 1 | 4 |
| 24:00 | 2 | 1 | 3 |
| Daily Totals | 75 | 60 | 135 |
| Percentages | 55.6 | 44.4 | |

| | | |
|--------------|-------|-------|
| AM Peak hour | 08:00 | 09:00 |
| Pk Hr. Count | 5 | 7 |
| PM Peak hour | 13:00 | 13:00 |
| Pk Hr. Count | 7 | 9 |

Volume by Lane Report

Page 6

Date File : D0217002.PRN
Station : 222
Identification : 18230713 Interval : 60 minutes
Start date : Feb 17, 93 Start time : 10:00
Stop date : Feb 19, 93 Stop time : 10:00
City/Town : SUN LAKES County : MARICOPA
Location : PINTO PL W/O DOBSON RD

Lane 1 is Westbound - Lane 2 is Eastbound

Fri - Feb 19, 93 Inbound Outbound
Lane 1 2 Total

01:00 0 0 0
02:00 3 1 4
03:00 0 0 0
04:00 0 0 0
05:00 1 1 2
06:00 0 0 0
07:00 0 1 1
08:00 1 5 6
09:00 3 8 11
10:00 4 5 9
===== ===== ===== =====
Grand Totals 170 135 305
Percentages 55.7 44.3

Volume by Lane Report

Page 7

Data File : D0217003.PRN

Station : 222

Identification : 17490713

Interval : 60 minutes

Start date : Feb 17, 93

Start time : 10:00

Stop date : Feb 19, 93

Stop time : 10:00

City/Town : SUN LAKES

County : MARICOPA

Location : PALOMINO PL W/O DOBSON RD

Lane 1 is Westbound - Lane 2 is Eastbound

Wed - Feb 17, 93

Inbound

Outbound

Lane 1 2 Total

| 11:00 | 49 | 73 | 122 |
|--------------|------|------|------|
| 12:00 | 54 | 99 | 153 |
| 13:00 | 57 | 77 | 134 |
| 14:00 | 43 | 70 | 113 |
| 15:00 | 64 | 84 | 148 |
| 16:00 | 53 | 84 | 137 |
| 17:00 | 53 | 69 | 122 |
| 18:00 | 43 | 51 | 94 |
| 19:00 | 49 | 63 | 112 |
| 20:00 | 14 | 21 | 35 |
| 21:00 | 19 | 19 | 38 |
| 22:00 | 5 | 24 | 29 |
| 23:00 | 1 | 8 | 9 |
| 24:00 | 3 | 5 | 8 |
| Daily Totals | 507 | 747 | 1254 |
| Percentages | 40.4 | 59.6 | |

← 11:00-12:00 am peak hour

AM Peak hour

12:00

Pk Hr. Count

54

PM Peak hour

15:00

Pk Hr. Count

64

Volume by Lane Report

Page 8

Data File : D0217003.PRN

Station : 222

Identification : 17490713

Interval : 60 minutes

Start date : Feb 17, 93

Start time : 10:00

Stop date : Feb 19, 93

Stop time : 10:00

City/Town : SUN LAKES

County : MARICOPA

Location : PALOMINO PL W/O DOBSON RD

Lane 1 is Westbound - Lane 2 is Eastbound

Thu - Feb 18, 93

Inbound

Outbound

Lane 1 2 Total

| | 1 | 2 | Total |
|--------------|------|------|---------------------------------|
| 01:00 | 0 | 0 | 0 |
| 02:00 | 1 | 2 | 3 |
| 03:00 | 0 | 0 | 0 |
| 04:00 | 1 | 1 | 2 |
| 05:00 | 1 | 1 | 2 |
| 06:00 | 2 | 2 | 4 |
| 07:00 | 5 | 9 | 14 |
| 08:00 | 14 | 36 | 50 |
| 09:00 | 30 | 62 | 92 |
| 10:00 | 48 | 84 | 132 |
| 11:00 | 33 | 71 | 104 |
| 12:00 | 47 | 90 | 137 |
| 13:00 | 53 | 98 | 151 ← 12:00 - 1:00 pm peak hour |
| 14:00 | 53 | 78 | 131 |
| 15:00 | 45 | 78 | 123 |
| 16:00 | 52 | 75 | 127 |
| 17:00 | 58 | 72 | 130 |
| 18:00 | 45 | 60 | 105 |
| 19:00 | 46 | 49 | 95 |
| 20:00 | 15 | 19 | 34 |
| 21:00 | 10 | 25 | 35 |
| 22:00 | 8 | 31 | 39 |
| 23:00 | 4 | 9 | 13 |
| 24:00 | 3 | 9 | 12 |
| Daily Totals | 574 | 961 | 1535 |
| Percentages | 37.4 | 62.6 | |

| | | |
|--------------|-------|-------|
| AM Peak hour | 10:00 | 12:00 |
| Pk Hr. Count | 48 | 90 |

| | | |
|--------------|-------|-------|
| PM Peak hour | 17:00 | 13:00 |
| Pk Hr. Count | 58 | 98 |

Volume by Lane Report

Page 9

Data File : D0217003.PRN
Station : 222
Identification : 17490713 Interval : 60 minutes
Start date : Feb 17, 93 Start time : 10:00
Stop date : Feb 19, 93 Stop time : 10:00
City/Town : SUN LAKES County : MARICOPA
Location : PALOMINO PL W/O DOBSON RD

Lane 1 is Westbound - Lane 2 is Eastbound

| Lane | Inbound | Outbound | Total |
|--------------|---------|----------|-------|
| | 1 | 2 | |
| 01:00 | 0 | 0 | 0 |
| 02:00 | 1 | 2 | 3 |
| 03:00 | 0 | 1 | 1 |
| 04:00 | 0 | 0 | 0 |
| 05:00 | 4 | 4 | 8 |
| 06:00 | 0 | 4 | 4 |
| 07:00 | 7 | 14 | 21 |
| 08:00 | 17 | 38 | 55 |
| 09:00 | 27 | 55 | 82 |
| 10:00 | 36 | 87 | 123 |
| Grand Totals | 1173 | 1913 | 3086 |
| Percentages | 38.0 | 62.0 | |

Volume by Lane Report

Page 10

Date File : D0217004.PRN
Station : 222
Identification : 36040713 Interval : 60 minutes
Start date : Feb 17, 93 Start time : 10:00
Stop date : Feb 19, 93 Stop time : 10:00
City/Town : SUN LAKES County : MARICOPA
Location : MICHIGAN AVE W/O DOBSON RD

Lane 1 is Eastbound - Lane 2 is Westbound

Wed - Feb 17, 93 Outbound Inbound
Lane 1 2 Total

11:00 38 18 56
12:00 32 26 58
13:00 32 31 63
14:00 21 27 48
15:00 23 34 57
16:00 29 32 61
17:00 26 40 66 ← 4:00 - 5:00 pm peak hour
18:00 21 36 57
19:00 8 16 24
20:00 0 3 3
21:00 2 6 8
22:00 3 3 6
23:00 6 4 10
24:00 1 2 3
===== ===== ===== =====
Daily Totals 242 278 520
Percentages 46.5 53.5

AM Peak hour 11:00 12:00
Pk Hr. Count 38 26

PM Peak hour 13:00 17:00
Pk Hr. Count 32 40

Volume by Lane Report

Page 11

Date File : D0217004.PRN
 Station : 222
 Identification : 36040713 Interval : 60 minutes
 Start date : Feb 17, 93 Start time : 10:00
 Stop date : Feb 19, 93 Stop time : 10:00
 City/Town : SUN LAKES County : MARICOPA
 Location : MICHIGAN AVE W/O DOBSON RD

Lane 1 is Eastbound - Lane 2 is Westbound

↓-----

| Lane | Thu - Feb 18, 93 | | Total |
|--------------|------------------|---------|-------|
| | Outbound | Inbound | |
| | 1 | 2 | |
| 01:00 | 0 | 1 | 1 |
| 02:00 | 0 | 0 | 0 |
| 03:00 | 0 | 0 | 0 |
| 04:00 | 0 | 0 | 0 |
| 05:00 | 2 | 3 | 5 |
| 06:00 | 4 | 8 | 12 |
| 07:00 | 3 | 1 | 4 |
| 08:00 | 17 | 18 | 35 |
| 09:00 | 24 | 30 | 54 |
| 10:00 | 29 | 37 | 66 |
| 11:00 | 34 | 34 | 68 ← |
| 12:00 | 33 | 34 | 67 |
| 13:00 | 20 | 30 | 50 |
| 14:00 | 23 | 41 | 64 |
| 15:00 | 18 | 23 | 41 |
| 16:00 | 21 | 27 | 48 |
| 17:00 | 20 | 36 | 56 |
| 18:00 | 18 | 26 | 44 |
| 19:00 | 10 | 23 | 33 |
| 20:00 | 0 | 4 | 4 |
| 21:00 | 2 | 5 | 7 |
| 22:00 | 3 | 4 | 7 |
| 23:00 | 4 | 4 | 8 |
| 24:00 | 7 | 3 | 10 |
| Daily Totals | 292 | 392 | 684 |
| Percentages | 42.7 | 57.3 | |

| | | |
|--------------|-------|-------|
| AM Peak hour | 11:00 | 10:00 |
| Pk Hr. Count | 34 | 37 |
| PM Peak hour | 14:00 | 14:00 |
| Pk Hr. Count | 23 | 41 |

Volume by Lane Report

Page 12

Data File : D0217004.PRN

Station : 222

Identification : 36040713

Interval : 60 minutes

Start date : Feb 17, 93

Start time : 10:00

Stop date : Feb 19, 93

Stop time : 10:00

City/Town : SUN LAKES

County : MARICOPA

Location : MICHIGAN AVE W/O DOBSON RD

Lane 1 is Eastbound - Lane 2 is Westbound

Fri - Feb 19, 93

Outbound

Inbound

Lane 1 2 Total

| | | | |
|-------|----|----|----|
| 01:00 | 0 | 1 | 1 |
| 02:00 | 1 | 2 | 3 |
| 03:00 | 0 | 0 | 0 |
| 04:00 | 0 | 0 | 0 |
| 05:00 | 3 | 6 | 9 |
| 06:00 | 2 | 3 | 5 |
| 07:00 | 3 | 2 | 5 |
| 08:00 | 12 | 18 | 30 |
| 09:00 | 18 | 26 | 44 |
| 10:00 | 34 | 21 | 55 |

| | | | |
|--------------|-----|-----|------|
| Grand Totals | 607 | 749 | 1356 |
|--------------|-----|-----|------|

| | | | |
|-------------|------|------|--|
| Percentages | 44.8 | 55.2 | |
|-------------|------|------|--|

Volume by Lane Report

Page 13

Data File : D0217005.PRN

Station : 333

Identification : 35861934

Interval : 60 minutes

Start date : Feb 17, 93

Start time : 11:00

Stop date : Feb 19, 93

Stop time : 11:00

City/Town : SUN LAKES

County : MARICOPA

Location : PIMA PL S/O RIGGS RD

Lane 1 is Southbound - Lane 2 is Northbound

↓-----

Wed - Feb 17, 93

Inbound

Outbound

| Lane | 1 | 2 | Total |
|--------------|------|------|-------|
| 12:00 | 7 | 6 | 13 |
| 13:00 | 12 | 7 | 19 |
| 14:00 | 15 | 14 | 29 |
| 15:00 | 10 | 7 | 17 |
| 16:00 | 16 | 10 | 26 |
| 17:00 | 14 | 7 | 21 |
| 18:00 | 9 | 4 | 13 |
| 19:00 | 8 | 3 | 11 |
| 20:00 | 5 | 5 | 10 |
| 21:00 | 8 | 5 | 13 |
| 22:00 | 3 | 1 | 4 |
| 23:00 | 0 | 2 | 2 |
| 24:00 | 1 | 2 | 3 |
| Daily Totals | 108 | 73 | 181 |
| Percentages | 59.7 | 40.3 | |

AM Peak hour

12:00

Pk Hr. Count

12:00

7

6

PM Peak hour

16:00

Pk Hr. Count

16:00

16

14

Volume by Lane Report

Page 14

Date File : D0217005.PRN
Station : 333
Identification : 35861934 Interval : 60 minutes
Start date : Feb 17, 93 Start time : 11:00
Stop date : Feb 19, 93 Stop time : 11:00
City/Town : SUN LAKES County : MARICOPA
Location : PIMA PL S/O RIGGS RD

Lane 1 is Southbound - Lane 2 is Northbound

| Thu - Feb 18, 93 | Inbound | | Outbound | Total |
|------------------|---------|------|----------|-------|
| | Lane | 1 | 2 | |
| 01:00 | | 0 | 0 | 0 |
| 02:00 | | 0 | 0 | 0 |
| 03:00 | | 0 | 0 | 0 |
| 04:00 | | 0 | 0 | 0 |
| 05:00 | | 0 | 1 | 1 |
| 06:00 | | 2 | 4 | 6 |
| 07:00 | | 0 | 1 | 1 |
| 08:00 | | 5 | 3 | 8 |
| 09:00 | | 6 | 5 | 11 |
| 10:00 | | 5 | 8 | 13 |
| 11:00 | | 8 | 8 | 16 |
| 12:00 | | 17 | 11 | 28 |
| 13:00 | | 12 | 11 | 23 |
| 14:00 | | 12 | 6 | 18 |
| 15:00 | | 12 | 12 | 24 |
| 16:00 | | 21 | 7 | 28 |
| 17:00 | | 5 | 5 | 10 |
| 18:00 | | 13 | 9 | 22 |
| 19:00 | | 6 | 5 | 11 |
| 20:00 | | 0 | 0 | 0 |
| 21:00 | | 5 | 3 | 8 |
| 22:00 | | 4 | 3 | 7 |
| 23:00 | | 1 | 0 | 1 |
| 24:00 | | 1 | 0 | 1 |
| Daily Totals | | 135 | 102 | 237 |
| Percentages | | 57.0 | 43.0 | |

AM Peak hour 12:00 12:00
Pk Hr. Count 17 11

PM Peak hour 16:00 15:00
Pk Hr. Count 21 12

Volume by Lane Report

Page 15

Date File : D0217005.PRN
Station : 333
Identification : 35861934 Interval : 60 minutes
Start date : Feb 17, 93 Start time : 11:00
Stop date : Feb 19, 93 Stop time : 11:00
City/Town : SUN LAKES County : MARICOPA
Location : PIMA PL S/O RIGGS RD

Lane 1 is Southbound - Lane 2 is Northbound

Fri - Feb 19, 93

Inbound

Outbound

| Lane | 1 | 2 | Total |
|--------------|------|------|-------|
| 01:00 | 0 | 0 | 0 |
| 02:00 | 0 | 0 | 0 |
| 03:00 | 0 | 0 | 0 |
| 04:00 | 0 | 0 | 0 |
| 05:00 | 0 | 1 | 1 |
| 06:00 | 0 | 2 | 2 |
| 07:00 | 0 | 0 | 0 |
| 08:00 | 6 | 4 | 10 |
| 09:00 | 5 | 11 | 16 |
| 10:00 | 12 | 8 | 20 |
| 11:00 | 12 | 9 | 21 |
| Grand Totals | 278 | 210 | 488 |
| Percentages | 57.0 | 43.0 | |

(B)

Volume by Lane Report

Page 19

Data File : D0217007.PRN
 Station : 111 Count ratio : 2.00
 Identification : 3891934 Interval : 60 minutes
 Start date : Feb 17, 93 Start time : 11:00
 Stop date : Feb 19, 93 Stop time : 11:00
 City/Town : SUN LAKES County : MARICOPA
 Location : SUN LAKES BLVD S/O RIGGS RD

Lanes 1-1 are Northbound

Wed - Feb 17, 93 Outbound

| Lane | 1 | Total |
|--------------|-------|-------|
| 12:00 | 273 | 273 |
| 13:00 | 231 | 231 |
| 14:00 | 235 | 235 |
| 15:00 | 236 | 236 |
| 16:00 | 233 | 233 |
| 17:00 | 228 | 228 |
| 18:00 | 192 | 192 |
| 19:00 | 114 | 114 |
| 20:00 | 41 | 41 |
| 21:00 | 31 | 31 |
| 22:00 | 54 | 54 |
| 23:00 | 30 | 30 |
| 24:00 | 3 | 3 |
| Daily Totals | 1901 | 1901 |
| Percentages | 100.0 | |

| | |
|--------------|-------|
| AM Peak hour | 12:00 |
| Pk Hr. Count | 273 |
| PM Peak hour | 15:00 |
| Pk Hr. Count | 236 |

Volume by Lane Report

Page 20

Data File : D0217007.PRN
Station : 111 Count ratio : 2.00
Identification : 3891934 Interval : 60 minutes
Start date : Feb 17, 93 Start time : 11:00
Stop date : Feb 19, 93 Stop time : 11:00
City/Town : SUN LAKES County : MARICOPA
Location : SUN LAKES BLVD S/O RIGGS RD

Lanes 1-1 are Northbound

↓-----

Thu - Feb 18, 93 Outbound

| Lane | 1 | Total |
|--------------|-------|-------|
| 01:00 | 8 | 8 |
| 02:00 | 1 | 1 |
| 03:00 | 4 | 4 |
| 04:00 | 3 | 3 |
| 05:00 | 6 | 6 |
| 06:00 | 34 | 34 |
| 07:00 | 73 | 73 |
| 08:00 | 162 | 162 |
| 09:00 | 213 | 213 |
| 10:00 | 297 | 297 |
| 11:00 | 286 | 286 |
| 12:00 | 232 | 232 |
| 13:00 | 230 | 230 |
| 14:00 | 274 | 274 |
| 15:00 | 246 | 246 |
| 16:00 | 215 | 215 |
| 17:00 | 205 | 205 |
| 18:00 | 189 | 189 |
| 19:00 | 79 | 79 |
| 20:00 | 36 | 36 |
| 21:00 | 30 | 30 |
| 22:00 | 39 | 39 |
| 23:00 | 17 | 17 |
| 24:00 | 14 | 14 |
| Daily Totals | 2893 | 2893 |
| Percentages | 100.0 | |

AM Peak hour 10:00
Pk Hr. Count 297

PM Peak hour 14:00
Pk Hr. Count 274

Volume by Lane Report

Page 21

Data File : D0217007.PRN
Station : 111 Count ratio : 2.00
Identification : 3891934 Interval : 60 minutes
Start date : Feb 17, 93 Start time : 11:00
Stop date : Feb 19, 93 Stop time : 11:00
City/Town : SUN LAKES County : MARICOPA
Location : SUN LAKES BLVD S/O RIGGS RD

Lanes 1-1 are Northbound

Fri - Feb 19, 93 Outbound

| Lane | 1 | Total |
|--------------|-------|-------|
| 01:00 | 0 | 0 |
| 02:00 | 3 | 3 |
| 03:00 | 2 | 2 |
| 04:00 | 3 | 3 |
| 05:00 | 3 | 3 |
| 06:00 | 37 | 37 |
| 07:00 | 72 | 72 |
| 08:00 | 190 | 190 |
| 09:00 | 218 | 218 |
| 10:00 | 279 | 279 |
| 11:00 | 296 | 296 |
| Grand Totals | 5897 | 5897 |
| Percentages | 100.0 | |

(A)

Volume by Lane Report

Page 16

Data File : D0217006.PRN

Station : 333

Count ratio : 2.00

Identification : 3891934

Interval : 60 minutes

Start date : Feb 17, 93

Start time : 11:00

Stop date : Feb 19, 93

Stop time : 11:00

City/Town : SUN LAKES

County : MARICOPA

Location : SUN LAKES BLVD S/O RIGGS RD

Lanes 1-1 are Southbound

Wed - Feb 17, 93

Inbound

| Lane | 1 | Total |
|--------------|-------|-------|
| 12:00 | 199 | 199 |
| 13:00 | 204 | 204 |
| 14:00 | 185 | 185 |
| 15:00 | 199 | 199 |
| 16:00 | 253 | 253 |
| 17:00 | 250 | 250 |
| 18:00 | 201 | 201 |
| 19:00 | 165 | 165 |
| 20:00 | 67 | 67 |
| 21:00 | 68 | 68 |
| 22:00 | 43 | 43 |
| 23:00 | 28 | 28 |
| 24:00 | 19 | 19 |
| Daily Totals | 1881 | 1881 |
| Percentages | 100.0 | |

| | |
|--------------|-------|
| AM Peak hour | 12:00 |
| Pk Hr. Count | 199 |
| PM Peak hour | 16:00 |
| Pk Hr. Count | 253 |

Volume by Lane Report

Page 17

D File : D0217006.PRN
Station : 333 Count ratio : 2.00
Identification : 3891934 Interval : 60 minutes
Start date : Feb 17, 93 Start time : 11:00
Stop date : Feb 19, 93 Stop time : 11:00
City/Town : SUN LAKES County : MARICOPA
Location : SUN LAKES BLVD S/O RIGGS RD

Lanes 1-1 are Southbound

Thu - Feb 18, 93 Inbound

| Lane | 1 | Total |
|--------------|-------|-------|
| 01:00 | 11 | 11 |
| 02:00 | 4 | 4 |
| 03:00 | 6 | 6 |
| 04:00 | 4 | 4 |
| 05:00 | 3 | 3 |
| 06:00 | 2 | 2 |
| 07:00 | 17 | 17 |
| 08:00 | 85 | 85 |
| 09:00 | 118 | 118 |
| 10:00 | 190 | 190 |
| 11:00 | 164 | 164 |
| 12:00 | 189 | 189 |
| 13:00 | 200 | 200 |
| 14:00 | 179 | 179 |
| 15:00 | 228 | 228 |
| 16:00 | 231 | 231 |
| 17:00 | 261 | 261 |
| 18:00 | 175 | 175 |
| 19:00 | 129 | 129 |
| 20:00 | 82 | 82 |
| 21:00 | 54 | 54 |
| 22:00 | 44 | 44 |
| 23:00 | 28 | 28 |
| 24:00 | 18 | 18 |
| Daily Totals | 2422 | 2422 |
| Percentages | 100.0 | |

AM Peak hour 10:00
Pk Hr. Count 190

PM Peak hour 17:00
Pk Hr. Count 261

Volume by Lane Report

Page 18

Data File : D0217006.PRN

Station : 333

Count ratio : 2.00

Identification : 3891934

Interval : 60 minutes

Start date : Feb 17, 93

Start time : 11:00

Stop date : Feb 19, 93

Stop time : 11:00

City/Town : SUN LAKES

County : MARICOPA

Location : SUN LAKES BLVD S/O RIGGS RD

Lanes 1-1 are Southbound

Fri - Feb 19, 93

Inbound

| Lane | 1 | Total |
|--------------|-------|-------|
| 01:00 | 7 | 7 |
| 02:00 | 4 | 4 |
| 03:00 | 3 | 3 |
| 04:00 | 5 | 5 |
| 05:00 | 4 | 4 |
| 06:00 | 2 | 2 |
| 07:00 | 23 | 23 |
| 08:00 | 101 | 101 |
| 09:00 | 145 | 145 |
| 10:00 | 174 | 174 |
| 11:00 | 172 | 172 |
| Grand Totals | 4943 | 4943 |
| Percentages | 100.0 | |

Volume by Lane Report

Page 34

Data File : D0217012.PRN
Station : 111
Identification : 2149 Interval : 60 minutes
Start date : Feb 17, 93 Start time : 12:00
Stop date : Feb 19, 93 Stop time : 12:00
City/Town : LEISURE WORLD County : MARICOPA
Location : LEISURE WORLD BLVD N/O SOUTHERN AVE

Lane 1 is Northbound - Lane 2 is Southbound

↓-----
Wed - Feb 17, 93

(Inbound) (outbound)

| Lane | 1 | 2 | Total |
|--------------|------|------|-------|
| 13:00 | 86 | 71 | 157 |
| 14:00 | 95 | 71 | 166 |
| 15:00 | 109 | 66 | 175 |
| 16:00 | 138 | 88 | 226 |
| 17:00 | 128 | 64 | 192 |
| 18:00 | 99 | 58 | 157 |
| 19:00 | 58 | 12 | 70 |
| 20:00 | 34 | 7 | 41 |
| 21:00 | 31 | 0 | 31 |
| 22:00 | 5 | 0 | 5 |
| 23:00 | 1 | 0 | 1 |
| 24:00 | 0 | 0 | 0 |
| Daily Totals | 784 | 437 | 1221 |
| Percentages | 64.2 | 35.8 | |

PM Peak hour 16:00 16:00
Pk Hr. Count 138 88

Volume by Lane Report

Page 35

Data File : D0217012.PRN

Station : 111

Identification : 2149

Interval : 60 minutes

Start date : Feb 17, 93

Start time : 12:00

Stop date : Feb 19, 93

Stop time : 12:00

City/Town : LEISURE WORLD

County : MARICOPA

Location : LEISURE WORLD BLVD N/O SOUTHERN AVE

Lane 1 is Northbound - Lane 2 is Southbound

Thu - Feb 18, 93

| Lane | 1 | 2 | Total |
|--------------|------|------|-------|
| 01:00 | 0 | 0 | 0 |
| 02:00 | 1 | 0 | 1 |
| 03:00 | 0 | 0 | 0 |
| 04:00 | 0 | 0 | 0 |
| 05:00 | 0 | 0 | 0 |
| 06:00 | 4 | 0 | 4 |
| 07:00 | 22 | 0 | 22 |
| 08:00 | 23 | 0 | 23 |
| 09:00 | 34 | 2 | 36 |
| 10:00 | 64 | 7 | 71 |
| 11:00 | 109 | 38 | 147 |
| 12:00 | 106 | 37 | 143 |
| 13:00 | 122 | 43 | 165 |
| 14:00 | 106 | 33 | 139 |
| 15:00 | 127 | 33 | 160 |
| 16:00 | 147 | 32 | 179 |
| 17:00 | 107 | 24 | 131 |
| 18:00 | 78 | 13 | 91 |
| 19:00 | 101 | 10 | 111 |
| 20:00 | 63 | 6 | 69 |
| 21:00 | 41 | 9 | 50 |
| 22:00 | 2 | 0 | 2 |
| 23:00 | 0 | 0 | 0 |
| 24:00 | 0 | 0 | 0 |
| Daily Totals | 1257 | 287 | 1544 |
| Percentages | 81.4 | 18.6 | |

| | | |
|--------------|-------|-------|
| AM Peak hour | 11:00 | 11:00 |
| Pk Hr. Count | 109 | 38 |
| PM Peak hour | 16:00 | 13:00 |
| Pk Hr. Count | 147 | 43 |

Volume by Lane Report

Page 36

Data File : D0217012.PRN
Station : 111
Identification : 2149 Interval : 60 minutes
Start date : Feb 17, 93 Start time : 12:00
Stop date : Feb 19, 93 Stop time : 12:00
City/Town : LEISURE WORLD County : MARICOPA
Location : LEISURE WORLD BLVD N/O SOUTHERN AVE

Lane 1 is Northbound - Lane 2 is Southbound

Fri - Feb 19, 93

| Lane | 1 | 2 | Total |
|--------------|------|------|-------|
| 01:00 | 0 | 0 | 0 |
| 02:00 | 1 | 0 | 1 |
| 03:00 | 0 | 0 | 0 |
| 04:00 | 0 | 0 | 0 |
| 05:00 | 0 | 0 | 0 |
| 06:00 | 0 | 0 | 0 |
| 07:00 | 20 | 0 | 20 |
| 08:00 | 19 | 6 | 25 |
| 09:00 | 37 | 14 | 51 |
| 10:00 | 60 | 39 | 99 |
| 11:00 | 78 | 81 | 159 |
| 12:00 | 114 | 69 | 183 |
| Grand Totals | 2370 | 933 | 3303 |
| Percentages | 71.8 | 28.2 | |

Volume by Lane Report

Page 28

D File : D0217010.PRN
Station : 333 Count ratio : 2.00
Identification : 36300286 Interval : 60 minutes
Start date : Feb 17, 93 Start time : 12:00
Stop date : Feb 19, 93 Stop time : 12:00
City/Town : LEISURE WORLD County : MARICOPA
Location : 63RD ST S/O BROADWAY RD

Lanes 1-1 are Southbound (Inbound)

Wed - Feb 17, 93

| Lane | 1 | Total |
|--------------|-------|-------|
| 13:00 | 281 | 281 |
| 14:00 | 249 | 249 |
| 15:00 | 279 | 279 |
| 16:00 | 382 | 382 |
| 17:00 | 336 | 336 |
| 18:00 | 236 | 236 |
| 19:00 | 155 | 155 |
| 20:00 | 82 | 82 |
| 21:00 | 78 | 78 |
| 22:00 | 8 | 8 |
| 23:00 | 2 | 2 |
| 24:00 | 0 | 0 |
| Daily Totals | 2088 | 2088 |
| Percentages | 100.0 | |

PM Peak hour 16:00
Pk Hr. Count 382

Volume by Lane Report

Page 29

Data File : D0217010.PRN

Station : 333

Count ratio : 2.00

Identification : 36300286

Interval : 60 minutes

Start date : Feb 17, 93

Start time : 12:00

Stop date : Feb 19, 93

Stop time : 12:00

City/Town : LEISURE WORLD

County : MARICOPA

Location : 63RD ST S/O BROADWAY RD

Lanes 1-1 are Southbound

Thu - Feb 18, 93

| Lane | 1 | Total |
|--------------|-------|-------|
| 01:00 | 0 | 0 |
| 02:00 | 1 | 1 |
| 03:00 | 0 | 0 |
| 04:00 | 1 | 1 |
| 05:00 | 0 | 0 |
| 06:00 | 1 | 1 |
| 07:00 | 12 | 12 |
| 08:00 | 47 | 47 |
| 09:00 | 145 | 145 |
| 10:00 | 263 | 263 |
| 11:00 | 359 | 359 |
| 12:00 | 434 | 434 |
| 13:00 | 330 | 330 |
| 14:00 | 312 | 312 |
| 15:00 | 326 | 326 |
| 16:00 | 350 | 350 |
| 17:00 | 334 | 334 |
| 18:00 | 215 | 215 |
| 19:00 | 113 | 113 |
| 20:00 | 85 | 85 |
| 21:00 | 69 | 69 |
| 22:00 | 6 | 6 |
| 23:00 | 0 | 0 |
| 24:00 | 0 | 0 |
| Daily Totals | 3403 | 3403 |
| Percentages | 100.0 | |

AM Peak hour 12:00
Pk Hr. Count 434

PM Peak hour 16:00
Pk Hr. Count 350

Volume by Lane Report

Page 30

Data File : D0217010.PRN

Station : 333

Count ratio : 2.00

Identification : 36300286

Interval : 60 minutes

Start date : Feb 17, 93

Start time : 12:00

Stop date : Feb 19, 93

Stop time : 12:00

City/Town : LEISURE WORLD

County : MARICOPA

Location : 63RD ST S/O BROADWAY RD

Lanes 1-1 are Southbound

Fri - Feb 19, 93

| Lane | 1 | Total |
|--------------|-------|-------|
| 01:00 | 0 | 0 |
| 02:00 | 0 | 0 |
| 03:00 | 2 | 2 |
| 04:00 | 0 | 0 |
| 05:00 | 0 | 0 |
| 06:00 | 1 | 1 |
| 07:00 | 15 | 15 |
| 08:00 | 53 | 53 |
| 09:00 | 117 | 117 |
| 10:00 | 229 | 229 |
| 11:00 | 349 | 349 |
| 12:00 | 355 | 355 |
| Grand Totals | 6612 | 6612 |
| Percentages | 100.0 | |

Volume by Lane Report

Page 31

Data File : D0217011.PRN

Station : 111

Count ratio : 2.00

Identification : 36300286

Interval : 60 minutes

Start date : Feb 17, 93

Start time : 12:00

Stop date : Feb 19, 93

Stop time : 12:00

City/Town : LEISURE WORLD

County : MARICOPA

Location : 63RD ST S/O BROADWAY RD

Lanes 1-1 are Northbound (Outbound)

↓-----

Wed - Feb 17, 93

| Lane | 1 | Total |
|--------------|-------|-------|
| 13:00 | 283 | 283 |
| 14:00 | 301 | 301 |
| 15:00 | 283 | 283 |
| 16:00 | 281 | 281 |
| 17:00 | 198 | 198 |
| 18:00 | 161 | 161 |
| 19:00 | 117 | 117 |
| 20:00 | 55 | 55 |
| 21:00 | 50 | 50 |
| 22:00 | 7 | 7 |
| 23:00 | 0 | 0 |
| 24:00 | 2 | 2 |
| Daily Totals | 1738 | 1738 |
| Percentages | 100.0 | |

PM Peak hour 14:00
Pk Hr. Count 301

Volume by Lane Report

Page 32

Data File : D0217011.PRN

Station : 111

Count ratio : 2.00

Identification : 36300286

Interval : 60 minutes

Start date : Feb 17, 93

Start time : 12:00

Stop date : Feb 19, 93

Stop time : 12:00

City/Town : LEISURE WORLD

County : MARICOPA

Location : 63RD ST S/O BROADWAY RD

Lanes 1-1 are Northbound

Thu - Feb 18, 93

| Lane | 1 | Total |
|--------------|-------|-------|
| 01:00 | 0 | 0 |
| 02:00 | 2 | 2 |
| 03:00 | 0 | 0 |
| 04:00 | 1 | 1 |
| 05:00 | 0 | 0 |
| 06:00 | 2 | 2 |
| 07:00 | 33 | 33 |
| 08:00 | 134 | 134 |
| 09:00 | 252 | 252 |
| 10:00 | 383 | 383 |
| 11:00 | 372 | 372 |
| 12:00 | 297 | 297 |
| 13:00 | 285 | 285 |
| 14:00 | 325 | 325 |
| 15:00 | 273 | 273 |
| 16:00 | 265 | 265 |
| 17:00 | 194 | 194 |
| 18:00 | 135 | 135 |
| 19:00 | 95 | 95 |
| 20:00 | 66 | 66 |
| 21:00 | 42 | 42 |
| 22:00 | 7 | 7 |
| 23:00 | 0 | 0 |
| 24:00 | 0 | 0 |
| Daily Totals | 3163 | 3163 |
| Percentages | 100.0 | |

| | |
|--------------|-------|
| AM Peak hour | 10:00 |
| Pk Hr. Count | 383 |

| | |
|--------------|-------|
| PM Peak hour | 14:00 |
| Pk Hr. Count | 325 |

Volume by Lane Report

Page 33

D0 File : D0217011.PRN

Station : 111

Count ratio : 2.00

Identification : 36300286

Interval : 60 minutes

Start date : Feb 17, 93

Start time : 12:00

Stop date : Feb 19, 93

Stop time : 12:00

City/Town : LEISURE WORLD

County : MARICOPA

Location : 63RD ST S/O BROADWAY RD

Lanes 1-1 are Northbound

Fri - Feb 19, 93

| Lane | 1 | Total |
|---------------------|--------------|-------------|
| 01:00 | 0 | 0 |
| 02:00 | 0 | 0 |
| 03:00 | 2 | 2 |
| 04:00 | 0 | 0 |
| 05:00 | 0 | 0 |
| 06:00 | 5 | 5 |
| 07:00 | 30 | 30 |
| 08:00 | 109 | 109 |
| 09:00 | 227 | 227 |
| 10:00 | 289 | 289 |
| 11:00 | 311 | 311 |
| 12:00 | 317 | 317 |
| Grand Totals | 6191 | 6191 |
| Percentages | 100.0 | |

Volume by Lane Report

Page 25

Data File : D0217009.PRN
Station : 222 Count ratio : 2.00
Identification : 30271855 Interval : 60 minutes
Start date : Feb 17, 93 Start time : 11:00
Stop date : Feb 19, 93 Stop time : 11:00
City/Town : LEISURE WORLD County : MARICOPA
Location : VIA ROSSMOOR W/O POWER RD

Lanes 1-1 are Eastbound (Outbound)

Wed - Feb 17, 93

| Lane | 1 | Total |
|--------------|-------|-------|
| 12:00 | 156 | 156 |
| 13:00 | 130 | 130 |
| 14:00 | 139 | 139 |
| 15:00 | 142 | 142 |
| 16:00 | 156 | 156 |
| 17:00 | 104 | 104 |
| 18:00 | 96 | 96 |
| 19:00 | 46 | 46 |
| 20:00 | 44 | 44 |
| 21:00 | 27 | 27 |
| 22:00 | 38 | 38 |
| 23:00 | 31 | 31 |
| 24:00 | 16 | 16 |
| Daily Totals | 1125 | 1125 |
| Percentages | 100.0 | |

| | |
|--------------|-------|
| AM Peak hour | 12:00 |
| Pk Hr. Count | 156 |
| PM Peak hour | 16:00 |
| Pk Hr. Count | 156 |

Volume by Lane Report

Page 26

Data File : D0217009.PRN
Station : 222 Count ratio : 2.00
Identification : 30271855 Interval : 60 minutes
Start date : Feb 17, 93 Start time : 11:00
Stop date : Feb 19, 93 Stop time : 11:00
City/Town : LEISURE WORLD County : MARICOPA
Location : VIA ROSSMOOR W/O POWER RD

Lanes 1-1 are Eastbound

Thu - Feb 18, 93

| Lane | 1 | Total |
|--------------|-------|-------|
| 01:00 | 5 | 5 |
| 02:00 | 4 | 4 |
| 03:00 | 4 | 4 |
| 04:00 | 4 | 4 |
| 05:00 | 15 | 15 |
| 06:00 | 23 | 23 |
| 07:00 | 17 | 17 |
| 08:00 | 48 | 48 |
| 09:00 | 101 | 101 |
| 10:00 | 147 | 147 |
| 11:00 | 152 | 152 |
| 12:00 | 181 | 181 |
| 13:00 | 152 | 152 |
| 14:00 | 127 | 127 |
| 15:00 | 154 | 154 |
| 16:00 | 135 | 135 |
| 17:00 | 105 | 105 |
| 18:00 | 53 | 53 |
| 19:00 | 58 | 58 |
| 20:00 | 33 | 33 |
| 21:00 | 31 | 31 |
| 22:00 | 46 | 46 |
| 23:00 | 32 | 32 |
| 24:00 | 13 | 13 |
| Daily Totals | 1640 | 1640 |
| Percentages | 100.0 | |

| | |
|--------------|-------|
| AM Peak hour | 12:00 |
| Pk Hr. Count | 181 |
| PM Peak hour | 15:00 |
| Pk Hr. Count | 154 |

Volume by Lane Report

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D File : D0217009.PRN
Station : 222 Count ratio : 2.00
Identification : 30271855 Interval : 60 minutes
Start date : Feb 17, 93 Start time : 11:00
Stop date : Feb 19, 93 Stop time : 11:00
City/Town : LEISURE WORLD County : MARICOPA
Location : VIA ROSSMOOR W/O POWER RD

Lanes 1-1 are Eastbound

Fri - Feb 19, 93

| Lane | 1 | Total |
|--------------|-------|-------|
| 01:00 | 7 | 7 |
| 02:00 | 5 | 5 |
| 03:00 | 4 | 4 |
| 04:00 | 4 | 4 |
| 05:00 | 9 | 9 |
| 06:00 | 31 | 31 |
| 07:00 | 18 | 18 |
| 08:00 | 61 | 61 |
| 09:00 | 97 | 97 |
| 10:00 | 137 | 137 |
| 11:00 | 175 | 175 |
| Grand Totals | 3313 | 3313 |
| Percentages | 100.0 | |

Volume by Lane Report

Page 22

Data File : D0217008.PRN
Station : 444 Count ratio : 2.00
Identification : 30271855 Interval : 60 minutes
Start date : Feb 17, 93 Start time : 11:00
Stop date : Feb 19, 93 Stop time : 11:00
City/Town : LEISURE WORLD County : MARICOPA
Location : VIA ROSSMOOR W/O POWER RD

Lanes 1-2 are Westbound (Inbound)

Wed - Feb 17, 93

| Lane | 1 | 2 | Total |
|--------------|-------|-----|-------|
| 12:00 | 132 | 0 | 132 |
| 13:00 | 169 | 0 | 169 |
| 14:00 | 141 | 0 | 141 |
| 15:00 | 126 | 0 | 126 |
| 16:00 | 157 | 0 | 157 |
| 17:00 | 118 | 0 | 118 |
| 18:00 | 105 | 0 | 105 |
| 19:00 | 63 | 0 | 63 |
| 20:00 | 36 | 0 | 36 |
| 21:00 | 27 | 0 | 27 |
| 22:00 | 127 | 0 | 127 |
| 23:00 | 63 | 0 | 63 |
| 24:00 | 21 | 0 | 21 |
| Daily Totals | 1285 | 0 | 1285 |
| Percentages | 100.0 | 0.0 | |

| | | |
|--------------|-------|-------|
| AM Peak hour | 12:00 | 00:00 |
| Pk Hr. Count | 132 | 0 |
| PM Peak hour | 13:00 | 00:00 |
| Pk Hr. Count | 169 | 0 |

Volume by Lane Report

Page 23

Data File : D0217008.PRN
Station : 444 Count ratio : 2.00
Identification : 30271855 Interval : 60 minutes
Start date : Feb 17, 93 Start time : 11:00
Stop date : Feb 19, 93 Stop time : 11:00
City/Town : LEISURE WORLD County : MARICOPA
Location : VIA ROSSMOOR W/O POWER RD

Lanes 1-2 are Westbound

Thu - Feb 18, 93

| Lane | 1 | 2 | Total |
|--------------|-------|-----|--------|
| 01:00 | 11 | 0 | 11 |
| 02:00 | 6 | 0 | 6 |
| 03:00 | 4 | 0 | 4 |
| 04:00 | 11 | 0 | 11 |
| 05:00 | 8 | 0 | 8 |
| 06:00 | 15 | 0 | 15 |
| 07:00 | 19 | 0 | 19 |
| 08:00 | 51 | 0 | 51 |
| 09:00 | 54 | 0 | 54 |
| 10:00 | 107 | 0 | 107 |
| 11:00 | 141 | 0 | 141 |
| 12:00 | 148 | 0 | 148 |
| 13:00 | 130 | 0 | 130 |
| 14:00 | 136 | 0 | 136 |
| 15:00 | 156 | 0 | 156 |
| 16:00 | 148 | 0 | 148 |
| 17:00 | 120 | 0 | 120 |
| 18:00 | 70 | 0 | 70 |
| 19:00 | 67 | 0 | 67 |
| 20:00 | 46 | 0 | 46 |
| 21:00 | 45 | 0 | 45 |
| 22:00 | 90 | 0 | 90 |
| 23:00 | 64 | 0 | 64 |
| 24:00 | 27 | 0 | 27 |
| Daily Totals | 1674 | 0 | 1674 ✓ |
| Percentages | 100.0 | 0.0 | |

| | | |
|--------------|-------|-------|
| AM Peak hour | 12:00 | 00:00 |
| Pk Hr. Count | 148 | 0 |
| PM Peak hour | 15:00 | 00:00 |
| Pk Hr. Count | 156 | 0 |

Volume by Lane Report

Page 24

Data File : D0217008.PRN
Station : 444 Count ratio : 2.00
Identification : 30271855 Interval : 60 minutes
Start date : Feb 17, 93 Start time : 11:00
Stop date : Feb 19, 93 Stop time : 11:00
City/Town : LEISURE WORLD County : MARICOPA
Location : VIA ROSSMOOR W/O POWER RD

Lanes 1-2 are Westbound

Fri - Feb 19, 93

| Lane | 1 | 2 | Total |
|--------------|-------|-----|-------|
| 01:00 | 12 | 0 | 12 |
| 02:00 | 3 | 0 | 3 |
| 03:00 | 6 | 0 | 6 |
| 04:00 | 6 | 0 | 6 |
| 05:00 | 17 | 0 | 17 |
| 06:00 | 12 | 0 | 12 |
| 07:00 | 21 | 0 | 21 |
| 08:00 | 37 | 0 | 37 |
| 09:00 | 67 | 0 | 67 |
| 10:00 | 111 | 0 | 111 |
| 11:00 | 105 | 0 | 105 |
| Grand Totals | 3356 | 0 | 3356 |
| Percentages | 100.0 | 0.0 | |

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